

Technical Report # 09-01

**The Development of K-8 Progress Monitoring Measures in
Mathematics for Use with the 2% and General Education Populations:
Grade 5**

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Abstract

In this technical report, we describe the development and piloting of a series of mathematics progress monitoring measures intended for use with students in grades kindergarten through eighth grade. These measures, available as part of easyCBMTM, an online progress monitoring assessment system, were developed in 2007 and 2008 and administered to approximately 2,800 students per grade from schools across the United States in November and December of 2008 using a common item design to allow all items to be estimated on the same scale within each grade level. We analyzed the results of the piloting using a one parameter logistic (1PL) Rasch analysis. Because the results of these analyses are quite lengthy, we present the results for each grade's analysis in its own technical report, all sharing a common abstract and introduction but unique methods, results, and discussion sections.

Introduction

Progress monitoring assessments are a key component of many school improvement efforts, including the Response to Intervention (RTI) approach to meeting students' academic needs. In an RTI approach, teachers first administer a screening or benchmarking assessment to identify students who need supplemental interventions to meet grade-level expectations, then use a series of progress monitoring measures to evaluate the effectiveness of the interventions they are using with the students. When students fail to show expected levels of progress (as indicated by 'flat line scores' or little improvement on repeated measures over time), teachers use this information to help them make instructional modifications with the goal of finding an intervention or combination of instructional approaches that will enable each student to make adequate progress toward achieving grade level proficiency and content standards. In such a system, it is critical to have reliable measures that assess the target construct and are sensitive enough to detect improvement in skill over short periods of time. Because both terms are relevant to our item writing efforts, we first provide a brief synthesis of the literature on 'universal design for assessment' and then describe what is meant by 'the 2% population' before we describe the actual methods used in item creation, piloting, and evaluation.

Universal Design for Assessment

Universal Design for Assessment (UDA) is an approach to creating assessments in which test developers try to make their measures accessible to the widest possible population of students by incorporating design features that will reduce the barriers to students being able to interface successfully with the test items. In creating our mathematics items, we referred to both the National Center on Educational Outcomes' *A State Guide to the Development of Universally Designed Assessment* (Johnstone, Altman, & Thurlow, 2006) and the *Test Accessibility and*

Modification Inventory by Beddow, Kettler, and Elliott (2008).

Assessments that are universally designed encourage testing conditions that are accessible and fair to students with special needs as well as to those in the general education population. Universally designed assessments should: (a) measure true constructs while eliminating irrelevant ones, (b) recognize the diversity of the test-taker population, (c) be both concise and clear in their language, (d) have clear format and visual information, and (e) include the ability to change formatting without compromising the meaning or difficulty of the assessment results. Universally designed assessments aim to provide valid interpretation of all test-takers' abilities and skills, including those with disabilities (Johnstone, Altman, & Thurlow, 2006).

In addition to the guidelines by Johnstone et al. (2006), we focused on reducing the cognitive complexity of the mathematics items we created in an attempt to tighten the connection between the targeted construct within the NCTM mathematics Focal Point Standards and the math items. From a cognitive science perspective, cognitive complexity relates to the degree to which a particular situation requires an individual to engage in the problem solving processes. In terms of assessments, cognitive complexity can be altered by changing the way in which a problem is represented (the degree to which it requires a test taker to engage in abstract thinking to reach a solution); by limiting or expanding the necessity for planning and use of strategy; by requiring different levels of self-monitoring and evaluation; and by emphasizing or de-emphasizing the use of metacognition to explain one's understanding of the problem and its solution or to generalize or abstract the outcome (Stevens, 2007, personal communication).

The principles of universal design for assessment guided our item creation efforts. In addition, we sought to reduce the cognitive complexity of our items through reducing the steps

students would need to take to solve the math items, by reducing the language and working memory load of our items, and by consciously attempting to reduce the chance that extraneous information provided in the mathematics question stem or answer choices would confuse students. Our goal was to create mathematics items that would be appropriate for use with students from both general education and the 2% population as well as for English language learners.

The 2% Population

The *Title I—Improving the Academic Achievement of the Disadvantaged; Individuals With Disabilities Education Act (IDEA)*, allows approximately 20% of students with disabilities to be assessed on grade-level content standards but with modified academic achievement standards. This subgroup of students with disabilities is frequently referred to as ‘the 2% student population’ because federal legislation allows states to designate up to 2% of their total student population as those for whom this would be the most appropriate assessment scenario. The 2% student population may include students with disabilities (excluding the ones with the most severe cognitive deficits) or those with lower academic performance who do not respond to reading interventions persistently (McMaster, Fuchs, Fuchs, & Compton, 2005; Torgensen, Alexander, Wagner, Rashotee, Voeller, & Conway, 2001).

Germane to our work here, it is important to emphasize that students in the 2% population are expected to be assessed on grade-level content standards, but their achievement standards may not be as high as those set for students from the general education population. Thus, in developing our mathematics item bank, we sought to create math items that would appropriately target the grade-level content standards yet would do so in a way that would render them accessible to a wider range of student ability than might be typically expected of assessment

items. Our focus on reducing the cognitive and linguistic complexity of items as well as on designing the computer interface and features of the items themselves to reduce the impact of construct irrelevant barriers to student understanding was intended to provide a bank of items from which we could draw mathematics problems representing a wide range of difficulty yet all aligned to grade-level content standards.

Methods

In this technical report, we explain the development of mathematics progress monitoring measures designed for use with students in grades K-8. This development included three key steps: (a) creation of an item bank, (b) piloting of all items in the item bank to determine their difficulty, reliability, and appropriateness for use with the intended grade level, and (c) organizing of the items into a series of benchmark and progress monitoring assessments. We begin by describing the process of item creation, including background about the item specifications and guidance given to item writers during the development of the individual mathematics items. Then, we explain the piloting of the mathematics items. We outline the process we used to create multiple comparable alternate forms of progress monitoring and benchmarking assessments using the item bank information. Finally, we describe how the mathematics measured designed for use with students from the 2% population differ slightly from those designed for use with students from the general education population, yet both share key components of universal design and are aligned to grade-level content standards.

Item Development

We used the National Council of Teachers of Mathematics (NCTM) Focal Point Standards in Mathematics as the basis for our item creation. These standards were introduced by the NCTM in 2006, and were adapted by the Oregon Department of Education and then formally

adopted by the state for use to guide classroom instruction as well as statewide assessment in 2008. All items were written to target one sub-domain within a particular Focal Point Standard, with item-writers specifically referencing the intended sub-domain in the item database during item writing.

Item writer qualifications. Eight item writers were recruited from across Oregon. These individuals had experience in teaching and mathematics. Five of the item writers had worked extensively with students in Special Education programs and were familiar with their educational needs. Specific background information is provided about each of the item writers. Item writer #1, who had a Master’s degree in Computer Programming, had a strong background in mathematics. He had been providing tutoring and home schooling in math since 1990. Item writer #2 had a Master’s degree in Special Education. She had taught pre-Kindergarten through 5th grade and had completed 1.5 years of research work in assessment. Item writer #3 had the following qualifications: BS in Elementary Education with a Reading Endorsement; work experience with students in kindergarten and elementary grades and preschoolers with special needs; teaching experience as a substitute teacher and tutor for adults. Item writer #3 had also consulted and developed curriculum professionally. Item writer #4 had a BA in Health Education, a Master’s of Arts in Teaching (K-8 Elementary Endorsement), and additional university credits for math education. In addition to teaching students in first through fourth grade for 13 years, item writer #4 had also attended NCTM Conferences.

Item writer #5 was a retired middle school teacher who had taught students with special needs. She had a BS in Elementary Education with a Reading Endorsement (K-12) and had 25 years of teaching experience. Item writer #6 held a Master’s degree in Special Education and a BA in Developmental Psychology. Her experiences included: working as a Special Education

teacher and Program Coordinator for a social service program; eight years of supporting individuals with developmental disabilities; and designing functional academic curricula in mathematics, reading, and social skills.

Item writer #7, a fifth-year Ph.D. candidate in developmental psychology, had a Bachelor's and a Master's degree also in developmental psychology. While item writer #7 had completed relevant coursework such as statistics, research methods, developmental psychology, language acquisition, linguistics, and social cognition, she had also taught undergraduate-level courses including Child Development, Cognitive Development, and Language Acquisition. Finally, item writer #8 received a BA in Humanities with a concentration in Education and a Master's in Special Education. He had 3 years of experience teaching English in grades K-16 and was working in a research organization on projects related to assessments at the time he was writing mathematics items for this project. All item writers started the writing process in October 2007. The item bank was completed in August 2008.

Guidance given to item writers. Item writers were informed that the goal of this project was to create math items that would be appropriate for the 2% student population. In describing this student population, they were told to picture students with very low academic performance, who receive special education services, and who would also likely receive significant support in the general education classrooms.

Item writers were provided specific guidelines on how they should approach the item writing process. Two major points were emphasized: (a) the importance of writing math items that reduced the cognitive complexity of the tasks, and (b) the need to preserve the integrity of the items by connecting them to grade-level content standards. Although the item-writers were told that researchers are still operationally defining the meaning of 'reducing cognitive

complexity,’ they were given some basic ideas to consider while completing the item-writing tasks.

First, item writers were encouraged to pick an approach that required the least amount of manipulation on the part of the student. They were reminded that there are usually several ways in which one can structure or represent mathematics operations. Examples were given to demonstrate math items that would require the least amount of manipulation in the process. Item writers were requested to write items in this manner consistently across all types of calculation problems in all formats.

When selecting numbers for use in math problems, item writers were encouraged to select numbers that were relatively easy to compute. By using easier numbers, students could demonstrate mastery of the content standard concept while reducing the likelihood that a computational error would interfere with measurement of the construct being assessed. Item writers were also asked to be selective with their word choices. They were strongly encouraged to use simple language (short words and declarative sentences). The emphasis on simple language was designed to reduce the chance that words would present a barrier to assessing students’ ability to demonstrate their mathematical knowledge.

The overall goal in item writing was to focus students’ attention on a single idea. Therefore, it was essential for item writers to: (a) have in-depth understanding of the material, (b) spend time thinking of their audience, (c) be clear and concise in their writing, and (d) avoid irrelevant language and clues when writing the items.

Other specific guidelines provided to item writers included the following:

1. Address key verbs such as ‘recall,’ ‘analyze,’ ‘construct,’ and ‘recognize’ that are used in the NCTM Standards;

2. Include necessary information in the questions so that answer choices are represented in the most simplistic and comprehensible manner;
3. Keep grammar structure parallel between a question and each answer option;
4. Avoid certain word choices in answer options such as ‘All of the above,’ ‘None of the above,’ negatives and double negatives;
5. Keep answer options similar in length and complexity levels; and
6. Ensure that all answer choices are mutually exclusive.

To increase the alignment between items in consecutive grade levels, the year-long task of writing approximately 1,100 items per grade level was divided into 23 sets, each addressing a pre-determined Focal Point Standard. Each set included 50 items per grade level in three grade levels, or 150 math items in all. Thus, for each set of items, each item writer wrote math problems aligned with similar Focal Point Standards for three grades. Item writers completed their work on three separate Excel files that were pre-formatted and named by the researchers. Item writers were encouraged to write items so that the difficulty level progressed smoothly from grade to grade. They were asked to create multiple-choice test items with three answer choices to address the Standards.

Although examples of test items were given, item writers were given the freedom to devise comparable questions that met the Standards. Because copies of the general and specific Standards were provided to the item writers, they were expected to study and understand the Standards’ requirements. Item writers were reminded of the importance of producing items that met the Standards with the following characteristics: (a) items should be simple, direct, and in the most basic form of the Standard requirements; (b) complexity should be reduced whenever possible; (c) items should use vocabulary, background knowledge and topics appropriate for

students in the target grade level; and (d) the language should be simple, avoiding use of idioms, long words, passive voice, and unnecessary clauses.

Item writers were provided the EDL Core Vocabulary list as a reference for determining appropriate grade-level words to use in items and distractors. They were asked to try to use words a minimum of 2 grade levels below the grade level for which they were writing whenever possible. Finally, researchers stressed the importance of creating original items, although item writers were given print and online resources as sources of inspiration, ideas, or information.

In writing the distractors, item writers were reminded to maintain three answer choices that were similar in length and complexity level, differing only in content. When constructing incorrect choices, they were informed that these distractors should be relevant to the problem. Item writers were requested to use related words or numbers in the distractors, so that each answer choice appeared to be a relevant option.

Design of graphics. As item writers created finished their sets, they provided rough sketches and descriptions of the graphics needed to complete each item. These sketches and descriptions were sent to a computer graphic artist, who created original computer renderings of each image required by the items. These graphics were then saved as .png files in a database and later imported to the online mathematics test interface.

Design of computer interface. Because these items were designed specifically for use in online computer delivered assessments, the research team worked closely with the computer programmer to ensure that the items would be able to be displayed appropriately in an online testing environment. The computer programmer provided guidance in the original item writing specifications, assisting with the development of computer code to enable a reliable and efficient

transfer of the items from the Excel files provided by the item writers to the computer database and subsequent online display of the items.

Items were designed to be displayed one at a time on the screen, with a large text box on the left side of the screen where the question stem/item was displayed and the three answer options on the right side of the screen, along with the answer choice “I don’t know” (see Figure 1). Students select their answer by clicking anywhere in the large rectangular area corresponding with the answer option they want to pick. Once they are satisfied with their response, they click the “Next” button at the bottom right corner of their screen, and the computer displays the next item. Once a student has clicked on the “Next” button, they are not able to go back to a previous item.

The size of the question stem and answer options is optimized for display without requiring any ‘scrolling’ to view all parts of the question and all possible answer options. However, should they need to enlarge the text to enable them to read it better, students are able to magnify the size of the display by adjusting their computer’s view to zoom in. The program is designed to be compatible with Firefox, Safari (on a Mac Operating System), and Internet Explorer (on a Windows Operating System).

Each time a question is displayed, the computer randomizes the order of the answer options, except that the “I don’t know” option is always retained as the final answer option on the page. Thus, even when two students are looking at the same question at the same time, it is likely that the answer options will appear in a different order on the right side of their screen. This random display feature built into the programming helps reduce the impact of cheating.

1 2 3 4 5

Which has triangle faces?

2

1

5

I don't know

Next

Figure 1.
Sample Question Illustrating Computer Display of Item

Item Review Process

A team of six researchers reviewed all items beginning June 2008. These researchers all had experience with assessment and item creation. Two of the researchers had earned doctorates in education, one with an emphasis on assessments. One of the researchers had a Master's in Special Education and had participated in a special program throughout his graduate studies focused on educational assessments. He had been the primary contact for the item writers for the previous year and was very familiar with the project. Of the remaining three researchers, one was a Ph.D. student in Educational Leadership, one was a Master's student in Speech Language Pathology, and one was a full-time research assistant at a research institute at the university where this research was conducted.

During the item review process, the researchers studied specific aspects of the items, including general clarity and alignment with the standards, formatting, wording, and answer choices. Researchers reviewed the items individually and as a group. Each researcher spent on average ten hours per week from June to July 2008 reviewing items individually. Beginning in

July and continuing for 6 weeks, the team met regularly as a group in 2-3 hour meetings, 5 days a week. During group reviews, the team focused primarily on standardizing formats, verifying answer choices, and identifying errors. As errors were found, they were corrected, resulting in approximately 6,600 items to be piloted in the Fall of 2008.

Item Piloting

Teachers from grades K-8 were recruited to participate in the pilot in three ways: through announcements posted on the easyCBM (Alonzo, Ulmer, Tindal, & Glasgow, 2006) and DIBELS websites, through direct recruitment of teachers using existing cooperative relationships between the districts and the research institute that developed the assessments, and through word of mouth. Item piloting for Kindergarten through Fourth Grade began on November 10th and ended on December 5th. Item piloting for Fifth Grade began on November 10th and ended on December 15th. Districts interested in participating in the piloting were provided a letter of introduction that described the piloting process and explained that to protect confidentiality, no identifying information would be collected on students, teachers, schools, or districts participating in the piloting.

Teachers were provided with specific instructions on how to access the piloting website and were instructed to have their students select their appropriate grade level from the list of grades provided and then to monitor while their students completed the online test. Students were encouraged to use scratch paper if they needed it, but use of calculators was prohibited. Each student was presented with 25 items each time he/she logged in to the testing website. The first 20 items on each test were randomly selected by the computer from the approximately 1,100 items available at that grade level. The final 5 items on each grade level test were always the same. These five items, selected for their range of difficulty and coverage of all Focal Point

Standards within a grade level, were kept constant to allow for calibrating all items within a grade level to the same scale. In keeping with Kolen and Brennan’s (YEAR) recommendation, these five items always appeared in the same order and place on each test.

Data Analysis

To analyze the items, we used a 1PL Rasch model and the software Winsteps (Linacre, YEAR). We chose the one parameter model rather than a more complicated one for our analysis out of a desire for parsimony and because it appears to fit the data quite well. Because we gave students the option of selecting “I don’t know,” we hoped to reduce the potential impact of guessing. Key item parameters we analyzed include *Mean Square Outfit* (items falling outside the desired range of 0.50 to 1.50) were examined in greater detail before being retained in the item bank for future use, *Standard Error of Measure*, and *Measure* (an estimate of the item’s difficulty). In addition to these item parameters, we also analyzed how the distractors functioned. In all cases, we sought to retain for our item bank items where students with the highest average estimated ability selected the correct answer choice, while students with lower average estimated ability selected the two other answer choices. We also sought items with a wide range of difficulty, cognizant of the need to have enough items to use for assessments designed for use with students from the 2% population as well as with students from the general education population.

Results

Data from each grade level were analyzed separately. In all, we analyzed 173 Kindergarten items, 243 Grade 1 items, 1,167 Grade 2 items, 1,167 Grade 3 items, 1,149 Grade 4 items, 1,150 Grade 5 items, 953 Grade 6 items, 912 Grade 7 items, and 902 Grade 8 items. The results of these analyses are reported separately by grade, each in its own technical report.

Grade 5

Of the Grade 5 items, 73 were over-fit (Mean Square Outfit ranging from 0.09 to 0.49 with an average Mean Square Outfit of 0.39). Because distractor analysis indicated that all over-fit items were functioning appropriately (students with the highest average estimated ability selected the correct answer choice, while students with lower estimated ability selected distractors), all over-fit items were retained for the item bank. In addition to the over-fit items, 137 items were under-fit (Mean Square Outfit ranging from 1.51 to 9.90 with an average Mean Square Outfit of 2.19). Of these, 145 items were retained for the item bank when distractor analysis indicated that they were functioning appropriately. In all, 65 items were removed from the Grade 5 item bank because distractor analysis indicated that the correct answer choice was not selected by the students with the highest average estimated ability. Table 1 presents the results of the Rasch analysis for the Grade 5 items, while Table 2 presents the results of distractor analysis.

Results

We used the results of the Rasch analysis to select items from the item bank to use in the creation of ten alternate forms of progress monitoring measures and three benchmark screener forms appropriate for use with students in fifth grade for each of the three Focal Point Standards, resulting in a total of 30 fifth-grade math progress monitoring measures and three benchmark screeners. Each form of the measures was comprised of 16 unique items, and all alternate forms within each Focal Point were of comparable difficulty, as determined by calculating the mean *measure* of the items on each form.

Mean measure of forms 1 – 10 of the *Number and Operations and Algebra* progress monitoring measures range from -0.19 to -0.16, with an average of -0.17 across all ten forms.

Mean measure of forms 1 – 3 of the *Number and Operations and Algebra* benchmark measures range from -0.10 to -0.12, with an average of -0.11 across all three forms. Table 3 lists information about each of the alternate forms of the *Number and Operations and Algebra* measures for fifth grade. Table 4 lists this information for the *Geometry, Measurement and Algebra* measures. Mean measure of forms 1 – 10 of the *Geometry, Measurement and Algebra* progress monitoring measures ranged from 0.08 to 0.10, with an average of 0.09 across all ten forms. Mean measure of forms 1 – 10 of the *Geometry, Measurement and Algebra* benchmark measures ranged from 0.15 to 0.17, with an average of 0.16 across all three forms. Mean measure of forms 1 – 10 of the *Numbers and Operations* progress monitoring measures ranged from 0.34 to 0.37, with an average of 0.35 across all ten forms. Mean measure of forms 1 – 10 of the *Numbers and Operations* benchmark measures ranged from 0.44 to 0.46, with an average of 0.45 across all three forms. Table 5 lists the alternate forms of the progress monitoring and benchmark measures aligned with the *Numbers and Operations* Focal Point Standards.

Thus, within the progress monitoring measures developed for use in fifth grade, those aligned with the *Number and Operations and Algebra* Focal Point Standard are designed to be the easiest, followed by those aligned with the *Geometry, Measurement and Algebra* Focal Point Standard. The measures aligned with the *Numbers and Operations* Focal Point Standard are designed to be the most challenging of the fifth-grade progress monitoring mathematics measures on easyCBM™.

Table 1
Results of Rasch Analysis, Grade 5

Item	Focal Point	Domain	Measure	Count	Score	Error	Mean Square Outfit	Discrim
50001	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	1.35	28	11	0.43	1.13	0.88
50002	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	0.57	37	21	0.36	0.91	1.22
50003	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	1.12	30	14	0.41	1.63	-0.13
50004	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	1.07	37	17	0.37	0.99	0.96
50005	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	0.85	1791	936	0.05	1.25	0.61
50006	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.74	34	26	0.46	1.06	0.70
50007	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-2.76	35	33	0.74	0.45	1.07

50008	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.24	34	28	0.49	1.38	1.06
50009	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.76	33	30	0.65	0.73	0.99
50010	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.80	31	25	0.48	3.18	0.45
50011	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.81	24	19	0.56	0.64	1.22
50012	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.94	28	23	0.54	0.73	1.13
50013	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.43	1786	1083	0.05	0.91	1.15
50014	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.60	30	22	0.45	0.66	1.36
50015	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.09	36	25	0.39	0.78	1.24
50016	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.10	28	21	0.49	1.07	0.98
50017	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.64	39	31	0.43	0.89	1.07

50018	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.16	31	23	0.46	0.62	1.32
50019	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.02	40	29	0.39	0.59	1.46
50020	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.87	28	23	0.52	0.94	1.01
50021	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	2.09	39	10	0.40	0.92	1.12
50022	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.03	27	14	0.42	0.62	2.21
50023	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.12	33	16	0.39	0.83	1.35
50024	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.45	43	17	0.36	0.93	1.07
50025	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.43	38	22	0.37	0.90	1.11
50026	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.56	30	17	0.42	0.95	0.99
50027	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.13	40	26	0.37	0.89	1.14

50028	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.23	36	16	0.36	1.00	0.96
50029	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.55	28	21	0.49	0.52	1.45
50030	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.30	23	18	0.55	1.91	0.50
50031	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.45	22	18	0.59	0.44	1.36
50032	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.09	26	18	0.45	0.58	1.74
50033	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.04	33	21	0.42	0.63	1.46
50034	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.12	26	18	0.47	0.77	1.14
50035	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.07	29	18	0.43	0.71	1.43
50036	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.83	25	13	0.46	0.62	1.62
50037	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-1.37	31	27	0.57	0.38	1.27

50038	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-1.67	21	19	0.78	0.77	1.00
50039	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-1.50	50	43	0.44	0.85	1.04
50040	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.42	39	28	0.40	0.66	1.43
50041	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	2.54	44	10	0.40	0.69	1.06
50042	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	1.50	38	15	0.37	1.16	0.70
50043	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	2.28	39	9	0.43	1.30	1.02
50044	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	2.08	32	10	0.45	0.80	1.17
50045	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.03	25	17	0.46	1.13	0.87
50046	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.82	32	16	0.40	0.93	1.09
50047	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.20	40	25	0.36	0.87	1.31
50048	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.24	34	24	0.41	0.63	1.51

50049	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.92	26	21	0.53	0.51	1.35
50050	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.93	29	13	0.40	1.01	1.04
50051	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.93	27	7	0.48	0.78	1.14
50052	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.91	32	10	0.42	0.90	1.18
50053	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.73	38	22	0.38	0.78	1.21
50054	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	3.13	31	4	0.56	0.63	1.15
50055	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.91	25	4	0.58	1.06	0.94
50056	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.59	35	8	0.44	0.53	1.42
50057	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.38	26	7	0.50	0.99	1.05
50058	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.01	36	11	0.41	0.89	1.15
50059	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.03	27	8	0.48	1.13	0.87
50060	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.21	28	7	0.50	1.93	0.31
50061	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-0.10	32	21	0.43	0.97	0.91
50062	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.32	34	32	0.77	1.10	0.91

50063	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.14	32	28	0.58	0.78	1.07
50064	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.53	32	28	0.57	1.92	0.75
50065	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.64	42	37	0.50	0.48	1.18
50066	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.47	35	31	0.58	1.76	0.89
50067	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-7.28	23	22	1.06	0.57	1.00
50068	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.03	33	28	0.53	1.37	0.83
50069	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.36	35	32	0.62	0.61	1.06
50070	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.69	36	31	0.53	1.05	0.97
50071	Number and Operations	Estimate fractions and decimals sums and differences.	-1.23	24	21	0.63	0.69	1.07
50072	Number and Operations	Estimate fractions and decimals sums and differences.	0.00	0	0	0.00	1.00	1.00
50073	Number and Operations	Estimate fractions and decimals sums and differences.	-1.41	31	27	0.57	0.90	0.99
50074	Number and Operations	Estimate fractions and decimals sums and differences.	0.23	33	21	0.40	1.05	0.81
50075	Number and Operations	Estimate fractions and decimals sums and differences.	-1.02	36	30	0.49	0.59	1.24
50076	Number and Operations	Estimate fractions and decimals sums and differences.	-0.29	28	21	0.48	1.19	0.97
50077	Number and Operations	Estimate fractions and decimals sums and differences.	0.06	36	23	0.39	0.92	0.92

50078	Number and Operations	Estimate fractions and decimals sums and differences.	0.75	1777	965	0.05	0.94	1.12
50079	Number and Operations	Estimate fractions and decimals sums and differences.	0.59	38	22	0.36	0.82	1.35
50080	Number and Operations	Estimate fractions and decimals sums and differences.	0.09	35	25	0.40	0.99	0.88
50081	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.16	25	18	0.47	0.85	1.21
50082	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.16	36	27	0.41	1.06	0.93
50083	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	2.59	32	8	0.47	1.60	0.95
50084	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.23	29	13	0.42	0.90	1.04
50085	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.29	33	22	0.40	1.78	-0.03
50086	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.63	21	16	0.55	0.66	1.27
50087	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.74	36	19	0.37	1.09	0.95
50088	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.56	44	28	0.36	0.69	1.33

50089	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-2.45	33	31	0.75	1.11	0.99
50090	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.54	35	31	0.57	0.62	1.14
50091	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.09	35	29	0.49	0.54	1.21
50092	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	3.52	27	3	0.64	1.78	0.97
50093	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	2.99	31	5	0.53	1.31	1.05
50094	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.57	24	21	0.65	1.33	1.02
50095	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.49	35	30	0.52	9.90	0.51
50096	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.69	17	15	0.79	0.78	0.99
50097	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.93	32	27	0.53	0.67	1.18
50098	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.49	30	27	0.64	1.15	0.86
50099	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.28	37	32	0.52	0.71	1.02
50100	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	3.00	36	5	0.54	1.93	1.09
50101	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.00	0	0	0.00	1.00	1.00

50102	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-2.13	33	31	0.75	1.29	0.95
50103	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.88	41	34	0.45	1.38	0.90
50104	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.00	0	0	0.00	1.00	1.00
40105	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-6.66	23	22	1.02	2.09	0.98
50106	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-6.84	26	25	1.03	1.19	0.99
50107	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-1.31	36	31	0.53	1.86	0.80
50108	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-0.62	25	20	0.55	0.64	1.17
50109	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.42	34	20	0.40	0.80	1.23
50110	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	1.39	27	11	0.44	1.52	0.39
50111	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	1.04	37	18	0.36	1.16	0.67
50112	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-0.14	33	22	0.40	0.90	1.19
50113	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-0.38	28	21	0.49	0.79	1.21

50114	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.36	29	22	0.47	0.92	0.98
50115	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.56	34	30	0.56	0.65	1.11
50116	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.81	34	31	0.62	0.55	1.10
50117	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.54	31	28	0.62	0.70	1.04
50118	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.56	26	23	0.65	0.48	1.17
50119	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.48	35	26	0.42	0.68	1.23
50120	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.88	29	26	0.64	0.57	1.10
50121	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.80	39	32	0.44	0.82	1.13
50122	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-2.37	35	33	0.77	1.88	0.79
50123	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.71	31	25	0.49	0.69	1.19
50124	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-1.81	38	33	0.53	0.51	1.17

50125	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-1.22	32	27	0.53	0.67	1.18
50126	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-1.59	25	22	0.65	0.53	1.13
50127	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-1.49	39	33	0.47	0.75	1.10
50128	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.07	33	22	0.40	0.88	1.20
50129	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.76	28	23	0.51	1.54	0.67
50130	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	0.20	34	22	0.40	0.98	0.96
50131	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	0.78	37	21	0.38	1.01	1.12
50132	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.19	35	15	0.39	1.20	0.72
50133	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	1.10	34	17	0.41	0.96	1.02
50134	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	0.06	40	28	0.38	1.54	0.32
50135	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	0.81	34	17	0.37	1.20	0.21
50136	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	2.18	30	6	0.49	1.24	0.97

50137	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	0.09	29	18	0.42	1.06	0.73
50138	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.63	35	28	0.46	1.24	0.84
50139	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	0.64	35	20	0.38	0.97	1.05
50140	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.06	31	15	0.40	1.01	1.03
50141	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	4.28	31	2	0.75	1.55	0.88
50142	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	0.84	39	18	0.35	1.45	0.26
50143	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.17	29	13	0.41	1.09	0.79
50144	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	2.69	34	7	0.45	1.02	0.89
50145	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-0.20	37	26	0.40	0.74	1.25
50146	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-1.16	42	36	0.46	0.99	1.03
50147	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	1.40	28	12	0.43	0.76	1.46
50148	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	2.06	36	10	0.41	1.10	1.04

50149	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-1.72	26	23	0.66	0.40	1.24
50150	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	1.60	30	11	0.43	2.07	-0.06
50151	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-2.30	35	33	0.76	0.40	1.08
50152	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.18	35	25	0.42	0.71	1.29
50153	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.93	35	29	0.48	0.52	1.28
50154	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.36	24	21	0.69	0.46	1.19
50155	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.54	34	26	0.44	0.73	1.18
50156	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.04	32	27	0.53	0.56	1.20

50157	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	0.06	35	25	0.42	0.73	1.17
50158	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.87	39	33	0.48	1.17	0.88
50159	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	0.07	39	28	0.39	0.80	1.20
50160	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.60	29	21	0.46	0.62	1.35
50161	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.30	36	26	0.41	1.00	1.16
50162	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.43	33	26	0.47	1.97	0.78
50163	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.45	41	31	0.40	2.45	0.64
50164	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.09	37	25	0.37	0.97	0.99
50165	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.84	27	21	0.51	0.48	1.46

50166	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.48	40	32	0.42	1.07	0.85
50167	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.55	32	25	0.47	0.94	0.99
50168	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.24	34	23	0.41	0.85	1.14
50169	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.52	27	21	0.48	0.97	1.03
50170	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.41	29	21	0.45	0.94	0.98
50171	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.24	33	22	0.41	0.77	1.24
50172	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.72	30	10	0.43	1.93	0.44
50173	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.76	38	13	0.40	0.81	1.13
50174	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.10	35	16	0.38	0.76	1.37
50175	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.32	49	21	0.33	1.01	1.04

50176	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.73	25	12	0.44	0.74	1.59
50177	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.21	36	25	0.42	0.62	1.35
50178	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.46	34	14	0.42	0.76	1.18
50179	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.39	32	21	0.43	0.68	1.35
50180	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	2.91	26	5	0.55	0.68	1.19
50181	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.25	35	25	0.42	0.87	1.05
50182	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.31	23	9	0.47	1.48	0.76
50183	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.24	22	16	0.52	0.73	1.30
50184	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.94	34	10	0.43	0.53	1.52

50185	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.73	33	27	0.50	0.65	1.07
50186	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.14	34	16	0.41	1.79	0.45
50187	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.03	30	21	0.43	1.02	0.98
50188	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.86	29	14	0.41	1.40	0.31
50189	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.31	39	24	0.36	0.75	1.42
50190	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.03	23	15	0.49	1.16	1.01
50191	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.72	38	30	0.42	0.77	1.18
50192	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.05	30	25	0.53	1.18	0.92
50193	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.17	25	19	0.52	3.04	-0.07
50194	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.73	46	37	0.40	0.61	1.24

50195	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.09	31	20	0.43	0.74	1.24
50196	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.25	28	23	0.53	0.82	1.14
50197	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.11	36	24	0.40	0.84	1.00
50198	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.15	25	21	0.59	0.68	1.02
50199	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.67	36	19	0.37	0.91	1.07
50200	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.10	38	33	0.51	0.44	1.26
50201	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.72	30	6	0.50	1.51	0.88
50202	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.71	32	8	0.45	0.97	1.17
50203	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.17	44	20	0.34	1.32	0.65
50204	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.52	50	13	0.38	1.02	0.98

50205	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.33	31	7	0.45	1.07	0.91
50206	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.07	43	13	0.37	0.68	1.30
50207	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.54	23	5	0.56	1.19	0.95
50208	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.93	33	17	0.38	0.83	1.29
50209	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.43	34	7	0.45	1.60	0.55
50210	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.74	29	9	0.45	1.33	0.49
50211	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-3.00	37	35	0.82	0.77	1.05
50212	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.63	25	22	0.65	3.03	0.72
50213	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-7.21	33	32	1.05	0.93	0.99
50214	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.32	38	33	0.51	0.71	1.02
40215	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-6.59	20	19	1.06	0.81	0.99
40216	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.63	23	20	0.67	1.31	0.75

40217	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.46	25	22	0.66	0.37	1.26
40218	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-0.88	26	22	0.57	0.97	0.90
40219	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	0.35	24	15	0.49	1.20	0.69
40220	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.64	24	21	0.68	0.41	1.23
40221	Number and Operations	Estimate fractions and decimals sums and differences.	-0.23	35	25	0.42	1.73	0.42
40222	Number and Operations	Estimate fractions and decimals sums and differences.	0.41	30	17	0.40	0.78	1.58
40223	Number and Operations	Estimate fractions and decimals sums and differences.	-1.42	28	25	0.64	0.90	1.00
50224	Number and Operations	Estimate fractions and decimals sums and differences.	-6.73	31	30	1.04	0.12	1.03
50225	Number and Operations	Estimate fractions and decimals sums and differences.	0.36	36	21	0.37	0.82	1.37
50226	Number and Operations	Estimate fractions and decimals sums and differences.	-0.49	26	19	0.48	0.61	1.44
50227	Number and Operations	Estimate fractions and decimals sums and differences.	-0.50	43	32	0.40	1.38	0.76
50228	Number and Operations	Estimate fractions and decimals sums and differences.	-0.33	39	29	0.40	0.85	1.13
50229	Number and Operations	Estimate fractions and decimals sums and differences.	0.76	19	10	0.52	1.00	1.07
50230	Number and Operations	Estimate fractions and decimals sums and differences.	-0.71	39	32	0.45	1.40	0.90

50231	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.54	28	22	0.49	0.97	0.91
50232	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.36	33	26	0.46	1.20	1.05
50233	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	2.64	43	9	0.39	1.44	0.81
50234	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.73	30	16	0.42	1.11	0.91
50235	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-6.76	25	24	1.04	1.06	0.99
50236	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.89	36	28	0.44	1.22	0.95
50237	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.04	31	21	0.42	1.38	0.29
50238	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.73	41	37	0.55	0.50	1.13

50239	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-2.51	29	27	0.78	0.66	1.03
50240	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-6.69	26	25	1.04	1.81	0.98
50241	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.42	40	31	0.42	0.62	1.28
50242	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	1.89	34	11	0.41	0.96	1.12
50243	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.50	36	27	0.45	0.43	1.47
50244	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-2.51	34	32	0.78	0.88	0.91
50245	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.62	28	19	0.46	0.56	1.51
50246	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.27	30	17	0.40	1.44	0.43
50247	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-2.28	39	36	0.63	1.46	0.93
50248	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.95	36	33	0.64	0.76	0.97
50249	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.02	27	19	0.48	0.45	1.63
50250	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.68	31	17	0.40	0.92	1.02

50251	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.26	37	33	0.56	0.71	1.01
50252	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.27	32	27	0.52	0.50	1.23
50253	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.86	33	30	0.63	1.03	0.90
50254	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.98	42	39	0.63	0.94	1.02
50255	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-6.80	35	34	1.02	0.39	1.01
50256	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.43	36	32	0.55	1.75	0.86
50257	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.92	26	24	0.78	3.41	0.61
50258	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-1.63	32	29	0.65	0.31	1.24
50259	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-1.03	48	40	0.41	0.97	1.04
50260	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-0.94	29	23	0.51	0.60	1.24
50261	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-2.18	44	41	0.62	0.60	1.08

50262	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-0.96	27	22	0.55	1.33	0.71
40263	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-2.04	40	37	0.62	0.60	1.08
50264	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.46	25	19	0.50	1.01	0.90
50265	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.26	27	18	0.47	1.05	0.99
50266	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.32	39	33	0.49	0.60	1.08
50267	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.84	26	24	0.77	0.68	1.00
50268	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-2.39	35	33	0.75	0.35	1.12
50269	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.28	34	30	0.56	2.59	0.72
50270	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.77	37	30	0.45	0.73	1.10
50271	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	1.75	32	10	0.42	1.13	0.83
50272	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-1.36	29	25	0.58	0.86	1.02

50273	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-2.07	37	34	0.62	0.92	1.00
50274	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	0.11	35	26	0.41	0.76	1.29
50275	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-1.20	32	27	0.54	1.54	0.67
50276	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.76	30	24	0.50	0.73	1.13
50277	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-1.21	33	28	0.53	0.63	1.13
50278	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-2.01	40	37	0.62	0.88	1.05
50279	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-1.93	37	34	0.62	1.25	0.94
50280	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.96	37	31	0.49	0.47	1.26
50281	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-2.57	37	35	0.77	0.50	1.10
50282	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-1.14	28	24	0.59	0.91	0.90
50283	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-1.64	19	16	0.65	1.38	0.81

50284	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-1.24	28	24	0.57	0.48	1.24
50285	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-1.26	41	35	0.48	0.54	1.22
50286	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-1.71	32	29	0.64	0.28	1.26
50287	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.83	29	23	0.49	0.55	1.36
50288	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-6.77	28	27	1.03	0.53	1.01
50289	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	2.45	31	12	0.42	0.89	1.18
50290	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	0.95	34	17	0.39	1.13	0.69
50291	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.33	29	12	0.41	1.36	0.13
50292	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.62	27	9	0.43	1.07	0.98
50293	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.96	32	9	0.43	0.64	1.33
50294	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	2.09	42	15	0.36	1.29	0.29

50295	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-0.34	23	17	0.51	1.17	0.72
50296	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.31	30	19	0.43	1.01	0.84
50297	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-0.02	38	25	0.38	0.86	1.16
50298	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.08	36	23	0.39	1.36	0.15
50299	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-0.13	36	25	0.39	0.91	0.97
50300	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.85	29	16	0.41	1.14	0.66
50301	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.39	32	24	0.43	0.90	1.03
50302	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.16	37	31	0.49	0.94	1.15
50303	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.70	36	29	0.46	0.50	1.31
50304	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.84	43	34	0.41	0.58	1.25

50305	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.05	40	34	0.47	0.50	1.24
50306	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.29	38	28	0.42	1.04	0.96
50307	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.83	37	29	0.44	1.01	0.88
50308	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.05	32	22	0.43	1.29	0.93
50309	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.64	36	29	0.44	0.84	1.07
50310	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.72	32	26	0.50	0.70	1.24
50311	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.17	38	26	0.40	0.80	1.07
50312	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.71	28	17	0.42	0.97	1.08
50313	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	2.91	32	5	0.52	1.35	0.89

50314	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.18	31	19	0.42	1.20	0.69
50315	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.23	33	22	0.40	0.71	1.50
50316	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.22	27	20	0.48	0.60	1.38
50317	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.73	38	19	0.37	1.05	0.94
50318	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.29	23	15	0.48	0.65	1.50
50319	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.22	37	23	0.37	0.92	0.99
50320	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.24	44	26	0.36	1.21	0.72
50321	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.38	37	23	0.38	1.63	0.20
50322	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.63	33	18	0.38	0.73	1.62
50323	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.32	27	10	0.44	0.84	1.11

50324	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.88	31	14	0.41	0.60	1.49
50325	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.70	33	17	0.40	1.15	0.65
50326	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.16	35	17	0.38	1.01	0.90
50327	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.84	39	20	0.36	0.90	1.10
50328	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.38	31	18	0.42	0.91	1.14
50329	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.02	31	21	0.42	0.83	1.25
50330	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.47	33	13	0.40	1.18	0.60
50331	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.03	31	13	0.40	0.92	1.24
50332	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.04	29	18	0.42	0.93	1.33

50333	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.51	30	17	0.40	0.97	0.98
50334	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.61	37	22	0.36	0.81	1.36
50335	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.24	28	19	0.46	1.15	0.70
50336	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.02	35	19	0.37	0.95	1.25
50337	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.50	33	13	0.39	0.69	1.68
50338	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.69	30	17	0.41	0.80	1.28
50339	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.80	31	17	0.40	0.66	1.88
50340	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.81	33	19	0.40	0.64	1.44
50341	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.39	39	29	0.40	1.17	0.89
50342	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.84	29	24	0.52	0.78	1.04

50343	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	1.22	32	14	0.42	0.59	1.45
50344	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.80	34	26	0.44	0.60	1.26
50345	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.40	22	15	0.49	0.89	0.99
50346	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.09	41	34	0.45	1.06	0.88
50347	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.18	37	32	0.53	0.53	1.17
50348	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	1.34	41	16	0.36	1.42	0.37
50349	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.58	28	22	0.52	0.75	1.13
50350	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.67	30	27	0.64	0.53	1.11
50351	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.06	40	19	0.35	1.17	0.75
50352	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.70	47	24	0.33	0.99	0.88
50353	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.24	31	19	0.41	0.77	1.30
50354	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.97	32	16	0.41	1.08	0.66
50355	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.32	36	23	0.38	1.03	0.98

50356	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.41	31	19	0.40	1.37	0.50
50357	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	-0.32	34	26	0.44	0.80	1.02
50358	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.16	36	24	0.40	0.79	1.17
50359	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.86	40	21	0.34	1.12	0.77
50360	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.84	31	16	0.39	1.25	0.26
50361	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.42	51	48	0.61	0.32	1.14
50362	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.36	35	31	0.57	0.68	1.08
50363	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.63	1770	1588	0.08	0.81	1.05
50364	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.07	27	25	0.76	0.76	0.98
50365	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	3.07	33	6	0.50	1.76	0.72
50366	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.39	31	29	0.76	0.79	0.97
50367	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.36	30	27	0.63	1.41	0.84
50368	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-0.21	25	17	0.49	0.77	1.19
50369	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	1.12	35	15	0.38	1.20	0.61
50370	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	3.16	40	7	0.46	0.62	1.23

50371	Number and Operations	Estimate fractions and decimals sums and differences.	0.55	31	16	0.39	0.80	1.53
50372	Number and Operations	Estimate fractions and decimals sums and differences.	2.40	23	5	0.54	1.60	0.69
50373	Number and Operations	Estimate fractions and decimals sums and differences.	0.03	43	29	0.36	0.92	0.97
50374	Number and Operations	Estimate fractions and decimals sums and differences.	1.35	33	15	0.40	1.00	0.94
50375	Number and Operations	Estimate fractions and decimals sums and differences.	0.67	27	15	0.43	1.62	0.14
50376	Number and Operations	Estimate fractions and decimals sums and differences.	2.90	43	8	0.44	0.53	1.23
50377	Number and Operations	Estimate fractions and decimals sums and differences.	1.02	34	15	0.39	1.87	0.56
50378	Number and Operations	Estimate fractions and decimals sums and differences.	1.36	22	9	0.48	0.71	1.53
50379	Number and Operations	Estimate fractions and decimals sums and differences.	1.85	23	6	0.53	0.64	1.33
50380	Number and Operations	Estimate fractions and decimals sums and differences.	0.94	33	17	0.37	1.08	0.72
50381	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.82	35	18	0.38	1.10	0.72
50382	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.66	28	17	0.44	1.05	0.90
50383	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.74	31	19	0.41	0.72	1.32

50384	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.31	32	24	0.46	0.88	1.07
50385	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.03	31	19	0.43	0.92	0.93
50386	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.04	23	14	0.48	0.96	0.94
50387	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.14	41	35	0.46	0.81	1.03
50388	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.75	34	31	0.63	0.40	1.16
50389	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.46	36	33	0.63	0.93	1.08
50390	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.89	32	29	0.63	0.80	1.00
50391	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.12	33	28	0.52	0.51	1.22
50392	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.12	25	22	0.65	1.11	0.96
50393	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.04	27	23	0.59	1.19	1.01

50394	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.99	25	19	0.50	1.07	0.77
50395	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.17	32	20	0.41	0.62	1.57
50396	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.46	30	23	0.49	0.49	1.41
50397	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.52	21	15	0.53	0.54	1.54
50398	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.57	37	29	0.43	1.21	0.98
50399	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-7.01	33	32	1.05	0.41	1.01
50400	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.87	31	16	0.41	0.95	1.07
50401	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.40	41	31	0.40	1.16	0.76
50402	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-1.68	33	29	0.58	3.85	0.48
50403	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	1.08	39	16	0.35	0.98	1.15
50404	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.29	35	23	0.40	1.65	0.40
50405	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.52	36	21	0.37	1.05	0.87
50406	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-1.70	38	33	0.52	1.23	0.84

50407	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.45	27	22	0.55	2.20	0.87
50408	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.56	26	16	0.44	0.75	1.51
50409	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.67	34	20	0.38	0.95	1.06
50410	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	1.50	31	14	0.39	1.08	1.18
50411	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.04	23	15	0.49	1.58	0.22
50412	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	1.15	36	16	0.37	0.84	1.25
50413	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	1.05	24	11	0.46	1.25	0.56
50414	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-2.77	35	33	0.87	0.54	1.11
50415	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.00	0	0	0.00	1.00	1.00
50416	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.95	33	15	0.40	1.10	0.67
50417	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.75	35	28	0.46	1.51	0.61

50418	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.18	28	20	0.46	1.28	0.45
50419	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.12	23	17	0.50	1.28	0.57
50420	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.00	0	0	0.00	1.00	1.00
50421	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	0.05	30	21	0.44	2.82	0.02
50422	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.55	34	25	0.42	0.87	1.01
50423	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.10	29	21	0.45	1.17	0.84
50424	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.83	30	24	0.53	0.95	0.92
50425	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	0.94	32	18	0.41	0.74	1.24
50426	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	0.48	30	18	0.41	1.35	0.16
50427	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	2.02	37	14	0.37	0.74	1.33
50428	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	0.52	39	23	0.37	0.74	1.35

50429	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.48	33	13	0.39	0.96	1.12
50430	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.60	27	11	0.46	0.63	1.40
50431	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.41	42	16	0.36	0.95	0.83
50432	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	0.47	29	16	0.43	2.14	-0.14
50433	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-2.38	36	33	0.64	1.33	0.84
50434	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	0.00	0	0	0.00	1.00	1.00
50435	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.97	27	21	0.53	0.57	1.19
50436	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-1.04	37	31	0.48	1.85	0.59
50437	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-1.14	37	30	0.46	0.71	1.15
50438	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.02	39	27	0.40	1.14	0.81
50439	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.76	34	13	0.41	1.69	0.24
50440	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	3.03	24	3	0.65	2.17	0.69

50441	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	3.26	32	5	0.54	1.82	0.76
50442	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	2.63	28	6	0.51	1.22	0.88
50443	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	2.63	35	7	0.49	2.91	0.04
50444	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.68	30	10	0.42	1.19	0.71
50445	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	1.14	38	16	0.36	1.35	0.36
50446	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	1.11	23	10	0.47	0.97	1.08
50447	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	1.58	42	16	0.35	1.77	-0.02
50448	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-0.06	26	17	0.45	0.98	0.96
50449	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	2.16	30	9	0.46	1.21	0.84
50450	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	1.07	34	14	0.37	0.85	1.34
50451	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.19	32	27	0.52	0.47	1.26

50452	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-2.42	41	39	0.74	1.01	0.96
50453	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.11	34	24	0.42	0.63	1.44
50454	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-2.06	42	38	0.56	1.84	0.84
50455	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.47	37	33	0.56	1.51	0.81
50456	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.49	28	22	0.50	1.32	0.78
50457	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.59	31	26	0.56	2.64	0.99
50458	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-2.02	41	38	0.64	0.48	1.15
50459	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.58	34	28	0.48	1.27	0.72

50460	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.11	36	25	0.39	1.65	0.16
50461	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.21	38	26	0.38	1.03	0.91
50462	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.01	31	21	0.42	0.94	1.17
50463	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.70	36	26	0.40	0.87	1.13
50464	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.13	33	22	0.42	1.25	0.56
50465	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-1.60	32	29	0.64	0.60	1.05
50466	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.47	20	15	0.58	0.57	1.44
50467	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.93	38	17	0.37	1.66	0.47
50468	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	1.10	32	15	0.39	1.54	0.23
50469	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	1.30	32	15	0.40	1.22	0.61

50470	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	2.63	32	8	0.45	0.71	1.18
50471	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.19	39	19	0.38	0.83	1.24
50472	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.85	31	17	0.41	1.08	0.92
50473	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.96	39	11	0.40	0.85	1.13
50474	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.25	27	16	0.44	1.16	0.41
50475	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.07	34	23	0.40	0.76	1.34
50476	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.69	31	16	0.40	0.93	1.10
50477	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-1.40	31	28	0.63	0.55	1.15
50478	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.45	40	27	0.37	0.81	1.12

50479	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.28	34	16	0.38	1.31	1.15
50480	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.43	30	14	0.40	1.00	1.04
50481	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.89	39	32	0.44	0.77	1.10
50482	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-1.35	38	32	0.49	0.86	1.13
50483	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-2.10	42	38	0.56	0.49	1.11
50484	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-1.23	31	27	0.60	0.56	1.19
50485	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-1.10	40	34	0.47	0.80	1.11
50486	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.32	51	39	0.37	0.63	1.18
50487	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-2.52	34	32	0.75	1.02	0.92

50488	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-1.25	31	28	0.62	0.52	1.13
50489	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-6.92	27	26	1.07	0.43	1.00
50490	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.64	35	28	0.44	0.68	1.22
50491	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.84	26	13	0.42	0.73	1.79
50492	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.23	32	23	0.44	1.04	0.78
50493	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.27	25	19	0.52	0.83	1.13
50494	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.71	24	13	0.46	1.02	0.96
50495	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.01	31	25	0.51	0.51	1.28
50496	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.51	24	18	0.52	0.93	0.88
50497	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.08	28	18	0.44	0.88	1.09

50498	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.48	37	28	0.41	0.59	1.44
50499	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	1.19	34	15	0.39	1.39	0.28
50500	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.49	38	30	0.43	0.82	1.23
50501	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.15	31	15	0.41	1.19	0.62
50502	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.07	42	23	0.35	0.89	1.13
50503	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.64	26	10	0.43	1.12	0.67
50504	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.40	30	8	0.46	0.51	1.49
50505	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.92	27	5	0.55	2.38	0.90
50506	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.72	36	7	0.47	1.40	0.77
50507	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.49	20	8	0.52	1.27	0.83
50508	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.86	31	16	0.41	0.74	1.32
50509	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.80	37	20	0.36	0.83	1.33
50510	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	-6.87	25	24	1.04	0.87	0.99

50511	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.34	25	22	0.65	1.24	0.99
50512	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-0.78	28	22	0.50	0.55	1.37
50513	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	0.06	33	21	0.40	0.75	1.34
50514	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-6.98	33	32	1.03	0.52	1.01
50515	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	0.00	0	0	0.00	1.00	1.00
50516	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.83	35	31	0.57	0.61	1.16
50517	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.37	24	21	0.67	1.71	0.68
50518	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.76	36	34	0.75	0.28	1.14
50519	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.68	33	29	0.56	0.58	1.16
50520	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.00	33	30	0.63	0.90	1.03
50521	Number and Operations	Estimate fractions and decimals sums and differences.	0.81	26	15	0.44	1.29	0.32
50522	Number and Operations	Estimate fractions and decimals sums and differences.	0.66	36	21	0.39	1.05	0.94
50523	Number and Operations	Estimate fractions and decimals sums and differences.	0.15	35	23	0.40	0.85	1.24
50524	Number and Operations	Estimate fractions and decimals sums and differences.	-0.29	31	22	0.44	0.68	1.24

50525	Number and Operations	Estimate fractions and decimals sums and differences.	-0.31	33	24	0.43	0.51	1.59
50526	Number and Operations	Estimate fractions and decimals sums and differences.	1.35	30	13	0.40	0.69	1.68
50527	Number and Operations	Estimate fractions and decimals sums and differences.	-0.64	27	20	0.51	0.66	1.17
50528	Number and Operations	Estimate fractions and decimals sums and differences.	0.66	32	18	0.40	1.01	0.98
50529	Number and Operations	Estimate fractions and decimals sums and differences.	2.27	31	7	0.48	0.72	1.17
50530	Number and Operations	Estimate fractions and decimals sums and differences.	0.46	36	22	0.38	1.07	0.91
50531	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.63	33	14	0.38	1.10	0.97
50532	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	3.43	41	4	0.56	3.94	0.61
50533	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.07	36	30	0.49	1.03	1.04
50534	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.90	37	33	0.56	0.51	1.12
50535	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	2.45	22	5	0.57	2.51	0.74
50536	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.77	42	15	0.37	2.83	0.10

50537	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.98	27	23	0.59	0.36	1.33
50538	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.25	35	29	0.51	0.45	1.30
50539	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.61	30	11	0.43	0.95	1.04
50540	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.58	34	11	0.39	1.33	0.67
50541	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.24	30	22	0.46	0.79	1.14
50542	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.67	40	31	0.40	1.07	1.06
50543	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	1.15	30	15	0.40	1.00	1.00
50544	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.01	42	30	0.38	0.94	1.09
50545	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.04	39	32	0.45	0.59	1.18
50546	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.84	34	27	0.45	1.04	0.90
50547	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	1.44	25	10	0.48	0.73	1.26
50548	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.44	36	22	0.40	0.73	1.24

50549	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.49	27	17	0.45	1.13	0.87
50550	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.28	29	18	0.42	0.88	0.99
50551	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.40	27	16	0.45	0.76	1.29
50552	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-1.12	31	27	0.58	0.50	1.18
50553	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	2.15	23	6	0.55	0.70	1.20
50554	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.43	40	31	0.41	1.28	0.65
50555	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	1.44	38	16	0.36	1.74	-0.68
50556	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.68	34	25	0.42	1.29	0.65
50557	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	1.29	32	15	0.41	1.25	0.43
50558	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-7.40	45	44	1.02	1.29	0.99
50559	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-6.97	28	27	1.05	1.07	0.99
50560	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.00	0	0	0.00	1.00	1.00

50561	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.00	0	0	0.00	1.00	1.00
50562	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-6.50	20	19	1.09	3.36	0.95
50563	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-1.19	30	25	0.53	2.20	0.69
50564	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.84	29	15	0.42	0.95	0.95
50565	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.32	35	25	0.42	1.32	0.72
50566	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.85	34	27	0.48	0.72	1.21
50567	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.05	32	19	0.42	1.01	1.04
50568	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.25	28	18	0.45	1.49	0.31
50569	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.49	31	23	0.44	0.85	1.13
50570	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.03	34	25	0.43	0.65	1.39

50571	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.39	36	26	0.41	0.48	1.61
50572	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	0.56	36	22	0.37	0.77	1.49
50573	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.64	33	27	0.49	0.93	0.96
50574	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	1.94	31	10	0.42	1.50	0.33
50575	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.06	34	23	0.41	0.46	1.75
50576	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	0.00	32	22	0.42	0.57	1.49
50577	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-2.03	41	38	0.62	1.82	0.87
50578	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-1.13	35	30	0.53	1.19	0.97
50579	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-1.39	40	35	0.51	6.02	0.38
50580	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.75	33	28	0.52	1.65	0.85
50581	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-2.05	39	36	0.62	0.99	0.95

50582	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.22	36	25	0.40	1.43	0.36
50583	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	0.62	33	19	0.39	0.69	1.60
50584	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	0.47	33	19	0.39	0.75	1.54
50585	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.06	33	23	0.40	0.88	1.06
50586	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	0.63	25	15	0.45	0.64	1.68
50587	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	1.17	28	13	0.43	0.83	1.47
50588	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.59	31	25	0.49	0.51	1.32
50589	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	-0.39	29	21	0.47	1.66	0.91
50590	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	-0.80	30	25	0.51	0.84	1.16
50591	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	0.44	31	19	0.42	0.81	1.34
50592	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	-0.95	35	28	0.45	1.00	0.85

50593	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	0.77	41	21	0.36	1.15	0.99
50594	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	0.21	35	24	0.40	1.14	0.88
50595	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-1.76	32	29	0.63	1.79	0.81
50596	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-1.96	36	33	0.62	0.70	1.03
50597	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.68	36	24	0.38	1.22	0.84
50598	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.69	39	23	0.36	0.78	1.45
50599	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-1.21	27	22	0.55	0.34	1.47
50600	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.24	28	19	0.43	0.77	1.30
50601	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.40	30	26	0.60	0.42	1.23
50602	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.17	23	19	0.59	0.88	1.00
50603	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.66	21	17	0.58	0.68	1.19

50604	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.67	23	21	0.79	0.34	1.15
50605	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.22	30	26	0.57	0.50	1.23
50606	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-2.06	32	30	0.76	0.63	1.01
50607	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.75	28	24	0.61	0.55	1.15
50608	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.36	36	31	0.53	0.33	1.33
50609	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-7.13	33	32	1.02	0.48	1.01
50610	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.31	35	30	0.53	0.44	1.27
50611	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-1.29	30	26	0.58	0.76	1.04
50612	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.91	42	34	0.42	0.68	1.13

50613	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.34	33	22	0.42	0.72	1.20
50614	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-1.66	35	31	0.62	0.87	0.99
50615	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.19	32	21	0.41	0.73	1.36
50616	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.41	36	29	0.44	0.58	1.31
50617	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.86	41	31	0.42	0.51	1.37
50618	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-1.77	36	33	0.63	0.82	1.00
50619	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-1.80	36	32	0.55	0.97	0.99
50620	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.05	30	21	0.43	0.66	1.46
50621	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.73	42	34	0.43	0.49	1.31
50622	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.48	26	21	0.53	0.54	1.30
50623	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.33	30	22	0.47	0.75	1.20

50624	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.51	42	26	0.36	0.84	1.29
50625	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.57	27	21	0.50	0.52	1.41
50626	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.21	35	27	0.43	0.68	1.22
50627	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.43	39	24	0.36	1.65	0.21
50628	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.94	27	14	0.41	0.86	1.53
50629	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.60	36	14	0.39	0.97	0.98
50630	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.29	30	18	0.41	0.92	1.06
50631	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.97	48	23	0.33	0.63	1.75
50632	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.87	38	20	0.36	0.88	1.20
50633	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.21	29	13	0.43	0.83	1.18

50634	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.62	28	16	0.43	0.61	1.64
50635	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.76	34	18	0.37	0.99	0.95
50636	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.69	34	18	0.38	0.88	1.23
50637	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.04	36	23	0.40	1.20	0.66
50638	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.13	29	13	0.43	0.86	1.11
50639	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.25	34	14	0.40	0.91	1.18
50640	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.67	31	11	0.42	0.87	1.48
50641	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.20	41	26	0.36	1.12	0.71
50642	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	1.04	19	10	0.51	2.00	-0.80
50643	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.08	38	25	0.38	1.31	0.58
50644	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.15	33	24	0.42	1.16	0.78

50645	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-2.29	29	27	0.76	0.44	1.11
50646	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.81	29	23	0.50	0.64	1.22
50647	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.60	37	31	0.48	1.22	1.00
50648	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.22	36	26	0.42	0.87	1.03
50649	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.09	38	25	0.38	0.77	1.23
50650	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.93	32	27	0.54	0.75	1.05
50651	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.39	28	12	0.45	2.73	0.03
50652	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.67	33	12	0.41	1.09	1.04
50653	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.07	37	18	0.38	1.12	0.61
50654	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.92	32	7	0.49	1.50	0.67
50655	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.67	35	6	0.49	1.58	0.81
50656	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.10	21	5	0.55	0.95	0.97
50657	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.74	28	8	0.46	1.23	0.81

50658	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.93	35	5	0.51	2.50	0.76
50659	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	4.24	33	2	0.75	1.74	0.97
50660	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	3.13	42	7	0.48	3.45	0.84
50661	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-0.64	37	29	0.42	1.22	0.87
50662	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.28	29	27	0.77	0.38	1.10
50663	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.87	41	37	0.57	0.86	1.03
50664	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	0.48	26	15	0.44	0.81	1.28
50665	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-0.42	23	17	0.51	0.73	1.20
50666	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.40	33	31	0.77	0.26	1.16
50667	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	0.81	42	21	0.35	1.00	1.00
50668	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	0.04	37	25	0.39	0.57	1.56
50669	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-0.20	33	24	0.43	0.64	1.32
50670	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-0.14	31	21	0.44	0.76	1.24

50671	Number and Operations	Estimate fractions and decimals sums and differences.	1.69	22	8	0.50	1.22	0.96
50672	Number and Operations	Estimate fractions and decimals sums and differences.	0.98	40	19	0.34	0.94	1.26
50673	Number and Operations	Estimate fractions and decimals sums and differences.	2.50	27	6	0.54	0.60	1.25
50674	Number and Operations	Estimate fractions and decimals sums and differences.	2.19	36	9	0.43	1.17	0.88
50675	Number and Operations	Estimate fractions and decimals sums and differences.	1.83	38	14	0.38	1.15	0.93
50676	Number and Operations	Estimate fractions and decimals sums and differences.	1.76	38	13	0.39	1.86	0.28
50677	Number and Operations	Estimate fractions and decimals sums and differences.	0.29	23	14	0.46	0.94	1.07
50678	Number and Operations	Estimate fractions and decimals sums and differences.	0.38	31	20	0.41	0.96	0.97
50679	Number and Operations	Estimate fractions and decimals sums and differences.	2.00	32	9	0.43	1.04	1.03
50680	Number and Operations	Estimate fractions and decimals sums and differences.	0.43	44	26	0.35	0.95	1.02
50681	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.33	37	25	0.40	0.63	1.37
50682	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	2.68	35	8	0.44	1.33	0.99
50683	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.71	33	10	0.41	1.35	0.67

50684	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.90	35	11	0.40	1.04	0.97
50685	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.75	30	10	0.43	1.34	0.47
50686	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	2.32	36	10	0.43	1.46	0.47
50687	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.06	28	12	0.43	0.97	0.91
50688	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.16	18	12	0.55	1.15	0.58
50689	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.78	32	9	0.43	1.18	0.74
50690	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.63	30	10	0.45	1.43	0.63
50691	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.31	26	16	0.46	1.33	0.92
50692	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.82	36	19	0.37	0.90	1.23
50693	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.65	42	34	0.42	0.84	1.16
50694	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.11	29	20	0.43	1.55	0.48
50695	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	3.23	32	5	0.54	1.04	0.64

50696	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.07	37	24	0.38	0.79	1.26
50697	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.94	35	18	0.39	0.76	1.28
50698	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.90	32	17	0.38	0.82	1.40
50699	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	1.08	21	10	0.52	1.55	0.18
50700	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	1.14	30	13	0.41	0.85	1.26
50701	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	1.34	33	12	0.39	1.41	0.37
50702	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.03	23	17	0.52	1.26	0.92
50703	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.00	0	0	0.00	1.00	1.00
50704	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.70	38	20	0.37	1.50	-0.02
50705	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.07	31	24	0.47	0.64	1.25
50706	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	2.20	34	10	0.41	1.22	0.64
50707	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	1.26	39	18	0.37	1.26	0.67

50708	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.00	0	0	0.00	1.00	1.00
50709	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-0.81	22	17	0.55	2.53	0.12
50710	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.78	45	25	0.33	1.20	0.52
50711	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-1.28	38	33	0.52	1.33	0.78
50712	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-1.53	27	24	0.64	0.61	1.13
50713	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.58	33	18	0.40	0.83	1.24
50714	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.76	32	29	0.63	0.92	0.99
50715	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-2.28	32	29	0.72	1.35	0.61
50716	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.88	30	26	0.58	0.86	1.01
50717	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.68	20	16	0.62	0.76	1.12
50718	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-6.78	27	26	1.04	0.41	1.01

50719	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.00	0	0	0.00	1.00	1.00
50720	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-7.32	43	42	1.02	0.22	1.02
50721	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-7.00	34	33	1.02	0.46	1.01
50722	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-6.19	24	23	1.03	0.91	1.00
50723	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-1.85	34	31	0.65	0.53	1.14
50724	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-6.05	41	40	1.12	0.75	0.96
50725	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-6.93	22	21	1.06	0.18	1.03
50726	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-2.56	37	35	0.75	0.64	1.01
50727	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-2.24	31	29	0.75	0.47	1.08
50728	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-1.33	34	30	0.56	0.41	1.22
50729	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	0.79	35	19	0.38	0.96	1.01

50730	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.16	34	24	0.41	0.74	1.34
50731	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.31	35	25	0.41	2.23	0.76
50732	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.71	28	22	0.50	0.79	1.09
50733	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	0.50	27	16	0.43	1.28	0.50
50734	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.37	33	25	0.44	0.77	1.19
50735	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.85	27	21	0.49	1.03	0.87
50736	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-6.90	22	21	1.05	0.29	1.02
50737	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	3.31	30	4	0.57	0.86	1.03
50738	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.56	31	24	0.48	0.53	1.35
50739	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	-1.41	41	35	0.48	0.64	1.12
50740	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	-0.80	30	23	0.48	1.09	0.83

50741	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	-0.28	42	29	0.37	0.90	0.98
50742	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	-1.05	36	30	0.49	1.68	0.81
50743	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	-1.09	39	33	0.47	1.47	0.71
50744	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.27	39	18	0.35	0.91	1.25
50745	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.72	33	17	0.38	1.10	0.71
50746	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.88	34	18	0.38	0.77	1.35
50747	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.03	30	21	0.44	1.14	0.61
50748	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-0.54	30	25	0.53	0.64	1.18
50749	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-0.04	42	30	0.37	0.73	1.26
50750	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	2.59	28	6	0.50	1.30	0.61
50751	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	2.30	35	8	0.44	1.89	0.12

50752	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	3.29	42	6	0.48	0.81	0.98
50753	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	1.99	31	9	0.44	1.97	0.03
50754	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	1.58	24	10	0.46	1.14	0.79
50755	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	2.56	28	8	0.48	3.10	-0.04
50756	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	1.64	27	11	0.46	0.65	1.27
50757	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	2.95	29	5	0.55	2.33	0.64
50758	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	1.31	43	19	0.34	0.97	1.13
50759	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	0.76	31	15	0.39	1.07	0.70
50760	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	3.20	33	4	0.57	1.88	0.77

50761	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.21	29	18	0.43	0.70	1.41
50762	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	1.08	30	15	0.41	0.61	1.61
50763	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.19	47	34	0.36	1.37	1.14
50764	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.28	34	26	0.44	0.66	1.25
50765	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.26	32	19	0.40	0.76	1.39
50766	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.72	28	22	0.51	0.51	1.32
50767	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.30	36	26	0.40	0.70	1.30
50768	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.39	31	24	0.47	1.04	0.87
50769	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.12	31	20	0.43	0.98	1.24
50770	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	1.20	23	11	0.49	0.82	1.18
50771	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.51	30	23	0.46	0.75	1.18
50772	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.15	38	27	0.39	1.02	0.91

50773	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.85	30	24	0.51	0.65	1.15
50774	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-6.32	18	17	1.04	0.46	1.01
50775	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.75	24	8	0.47	0.74	1.53
50776	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	2.12	38	11	0.39	1.09	0.98
50777	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.84	35	17	0.38	0.89	1.36
50778	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	2.27	28	7	0.49	1.13	0.82
50779	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.20	28	11	0.42	1.12	0.62
50780	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.73	34	18	0.39	1.00	1.22
50781	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.91	34	20	0.38	0.92	1.09
50782	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.10	32	20	0.41	0.78	1.30

50783	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.65	34	25	0.43	0.69	1.18
50784	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.40	31	22	0.43	0.72	1.29
50785	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.16	30	19	0.41	0.65	1.65
50786	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.47	29	12	0.42	0.78	1.33
50787	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.46	35	15	0.39	0.59	1.56
50788	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.98	32	15	0.40	0.88	1.10
50789	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.99	23	11	0.46	0.88	1.24
50790	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.00	24	13	0.45	0.83	1.30
50791	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.83	38	30	0.45	1.16	0.97
50792	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.39	31	24	0.46	0.88	1.01
50793	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.12	37	27	0.40	0.95	0.93

50794	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.72	35	26	0.43	1.06	0.84
50795	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.13	35	22	0.39	0.57	1.56
50796	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.81	36	21	0.36	0.91	1.30
50797	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.40	34	24	0.44	0.60	1.31
50798	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.89	37	20	0.36	1.02	0.89
50799	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.31	24	15	0.46	0.80	1.27
50800	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.05	29	20	0.44	0.96	0.90
50801	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	4.00	26	2	0.82	0.17	1.38
50802	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.80	32	9	0.43	1.74	0.85
50803	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.32	35	14	0.39	0.83	1.18
50804	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.64	31	12	0.42	1.02	0.89
50805	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.14	30	9	0.44	1.32	0.73
50806	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.56	41	7	0.44	2.20	0.67

50807	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.62	37	14	0.38	0.69	1.50
50808	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.77	31	9	0.44	1.05	0.91
50809	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.48	29	11	0.45	0.70	1.24
50810	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.60	26	11	0.45	1.35	0.84
50811	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-6.67	31	30	1.02	0.43	1.01
50812	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.81	45	40	0.50	0.61	1.09
50813	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.42	29	25	0.57	0.35	1.34
50814	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.02	27	24	0.64	0.54	1.10
50815	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.50	44	39	0.51	0.69	1.07
50816	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	0.11	21	15	0.54	1.32	0.61
50817	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.60	27	24	0.64	0.40	1.21
50818	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.03	26	22	0.57	0.84	1.09
50819	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.98	28	26	0.76	0.42	1.09
50820	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-0.32	26	20	0.51	0.96	0.91

50821	Number and Operations	Estimate fractions and decimals sums and differences.	-1.43	24	21	0.66	1.15	0.95
50822	Number and Operations	Estimate fractions and decimals sums and differences.	-1.59	38	34	0.54	1.12	1.01
50823	Number and Operations	Estimate fractions and decimals sums and differences.	-1.17	29	24	0.52	1.16	0.88
50824	Number and Operations	Estimate fractions and decimals sums and differences.	-0.02	37	26	0.38	0.87	1.18
50825	Number and Operations	Estimate fractions and decimals sums and differences.	-1.45	25	22	0.66	0.53	1.06
50826	Number and Operations	Estimate fractions and decimals sums and differences.	2.13	30	7	0.48	0.94	1.09
50827	Number and Operations	Estimate fractions and decimals sums and differences.	0.63	23	12	0.46	1.04	0.89
50828	Number and Operations	Estimate fractions and decimals sums and differences.	0.74	26	15	0.45	0.97	1.07
50829	Number and Operations	Estimate fractions and decimals sums and differences.	0.56	35	20	0.37	1.23	0.93
50830	Number and Operations	Estimate fractions and decimals sums and differences.	-0.24	29	21	0.46	0.49	1.54
50831	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.11	34	21	0.39	0.68	1.57
50832	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.81	29	24	0.54	0.77	1.13
50833	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.73	34	12	0.41	0.67	1.38
50834	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.85	27	14	0.43	0.77	1.33

50835	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.94	23	19	0.59	0.82	1.09
50836	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.83	31	28	0.67	0.64	1.02
50837	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.69	37	20	0.36	0.74	1.66
50838	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-2.24	36	34	0.76	0.60	1.02
50839	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.40	23	19	0.65	0.93	0.93
50840	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.25	31	26	0.53	1.29	0.84
50841	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.27	29	24	0.55	0.72	1.07
50842	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	3.52	36	6	0.50	1.46	0.89
50843	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	2.38	35	8	0.45	2.78	0.37
50844	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-2.03	32	29	0.64	0.42	1.18
50845	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.98	33	27	0.50	2.23	0.77
50846	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.77	25	23	0.75	0.58	1.06

50847	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.54	41	36	0.52	1.07	1.03
50848	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.03	35	24	0.40	1.03	0.76
50849	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.23	30	21	0.44	1.08	0.55
50850	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	2.31	45	11	0.39	1.00	1.09
50851	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-6.46	24	23	1.04	0.29	1.02
50852	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.42	28	20	0.45	0.91	0.98
50853	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-2.05	31	28	0.66	0.46	1.14
50854	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-1.84	29	26	0.64	1.22	0.87
50855	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-1.73	37	34	0.62	1.10	0.95
50856	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.00	0	0	0.00	1.00	1.00
50856	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.00	0	0	0.00	1.00	1.00
50857	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-6.96	31	30	1.04	1.66	0.98

50858	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-0.24	34	24	0.40	1.42	0.65
50859	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.69	25	14	0.46	1.10	0.77
50860	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.32	29	18	0.44	0.68	1.38
50861	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.79	41	21	0.35	1.11	0.72
50862	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.56	27	17	0.47	0.92	1.09
50863	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.28	34	21	0.37	1.11	0.50
50864	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.20	34	24	0.41	0.87	1.05
50865	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.85	35	29	0.48	0.76	1.05
50866	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.19	28	19	0.43	0.86	1.24
50867	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.35	25	22	0.65	1.20	0.86
50868	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.66	39	34	0.54	0.87	1.08

50869	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.86	32	26	0.48	0.72	1.13
50870	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-6.59	27	26	1.08	0.28	1.01
50871	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	0.66	31	16	0.40	0.95	1.20
50872	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.44	28	21	0.49	0.94	1.08
50873	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	8.37	27	1	1.03	2.87	0.97
50874	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.65	40	30	0.40	1.00	0.89
50875	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.61	28	22	0.51	0.74	1.14
50876	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	0.38	31	18	0.39	1.62	-0.34
50877	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	2.22	38	10	0.40	1.19	0.78
50878	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-1.84	42	38	0.55	0.48	1.13
50879	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.51	30	23	0.47	0.64	1.35
50880	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.60	35	29	0.48	0.73	1.17

50881	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	0.10	33	20	0.41	0.79	1.23
50882	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	0.25	37	24	0.37	0.84	1.36
50883	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	0.68	36	19	0.38	1.24	0.83
50884	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.81	33	28	0.52	0.96	0.98
50885	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.19	27	19	0.46	0.79	1.30
50886	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	2.71	41	7	0.46	0.61	1.21
50887	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-2.69	40	38	0.75	0.22	1.16
50888	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	1.08	1775	846	0.05	0.96	1.09
50889	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.72	36	12	0.39	0.89	1.16
50890	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.08	24	12	0.46	0.93	1.00
50891	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	-0.14	33	23	0.41	0.69	1.35
50892	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.03	44	21	0.34	0.93	1.15

50893	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	0.18	27	16	0.42	0.93	1.16
50894	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	0.89	27	15	0.44	0.85	1.19
50895	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.20	29	18	0.44	1.05	0.86
50896	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	1.11	27	12	0.45	0.82	1.25
50897	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.32	35	23	0.41	0.92	1.10
50898	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-0.93	29	24	0.52	1.27	0.93
50899	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.39	34	19	0.39	1.19	0.72
50900	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.29	22	16	0.52	1.19	0.75
50901	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	1.21	36	16	0.37	1.20	0.40
50902	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	0.63	28	17	0.41	0.88	1.21
50903	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	0.16	32	21	0.41	1.02	0.92

50904	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.37	37	33	0.55	1.56	0.79
50905	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.43	32	25	0.48	0.66	1.18
50906	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	0.02	37	26	0.40	0.87	1.05
50907	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	0.40	27	15	0.44	0.98	0.91
50908	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.40	31	23	0.45	1.06	0.88
50909	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.57	35	32	0.62	0.93	1.03
50910	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.49	34	30	0.57	0.53	1.14
50911	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.79	36	19	0.38	0.66	1.52
50912	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.31	24	19	0.53	0.75	1.12
50913	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.37	43	28	0.36	0.98	0.96

50914	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.83	23	13	0.47	3.15	0.77
50915	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.22	24	18	0.53	0.61	1.32
50916	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.07	41	26	0.35	0.87	1.15
50917	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.86	26	13	0.47	0.54	1.46
50918	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	1.56	32	11	0.42	0.61	1.32
50919	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	1.99	29	10	0.46	0.86	1.10
50920	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.69	34	18	0.40	0.86	1.11
50921	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.60	23	10	0.44	1.13	0.76
50922	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.47	31	17	0.39	0.99	0.96
50923	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.52	37	23	0.39	0.76	1.31
50924	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.01	32	21	0.41	0.86	1.18

50925	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.80	37	19	0.37	1.10	0.72
50926	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.10	21	13	0.49	1.18	0.47
50927	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.12	36	16	0.37	0.83	1.27
50928	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.54	41	25	0.36	0.63	1.47
50929	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	2.14	33	9	0.45	0.86	1.17
50930	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.12	32	22	0.44	0.60	1.36
50931	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.02	32	23	0.42	0.76	1.29
50932	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.85	38	20	0.37	0.65	1.69
50933	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.32	40	24	0.36	0.91	1.02
50934	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.88	35	17	0.38	1.23	0.65

50935	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.74	32	18	0.39	1.50	-0.18
50936	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.43	28	11	0.44	0.83	1.18
50937	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.41	39	22	0.36	0.86	1.17
50938	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.47	43	25	0.35	0.65	1.62
50939	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.32	26	15	0.43	1.06	0.83
50940	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.31	30	13	0.41	0.77	1.37
50941	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-2.03	28	25	0.65	1.16	0.89
50942	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.20	35	29	0.48	2.58	0.89
50943	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.15	33	26	0.46	1.51	0.58
50944	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.81	33	28	0.51	1.13	0.96
50945	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.39	29	22	0.46	0.72	1.25
50946	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.54	30	25	0.54	0.57	1.21

50947	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.90	41	33	0.42	0.64	1.24
50948	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.41	24	19	0.54	0.81	1.12
50949	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.54	32	26	0.49	1.37	0.77
50950	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-2.12	34	31	0.63	0.77	1.00
50951	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.38	38	9	0.42	1.35	1.14
50952	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.12	26	13	0.42	1.02	0.91
50953	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.25	29	18	0.43	0.84	1.16
50954	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.99	25	14	0.46	1.96	-0.60
50955	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.97	19	6	0.52	1.02	0.96
50956	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.12	23	15	0.47	1.11	0.83
50957	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.36	25	16	0.46	0.85	1.09
50958	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.74	28	18	0.43	0.75	1.28
50959	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.55	43	26	0.35	1.16	0.61
50960	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.98	37	18	0.37	1.27	0.53

50961	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.85	37	34	0.62	0.59	1.07
50962	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	0.09	24	15	0.46	0.80	1.35
50963	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-0.45	41	32	0.42	0.87	1.23
50964	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-0.94	33	27	0.48	1.68	0.68
50965	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.36	40	38	0.74	1.04	0.98
50966	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.00	36	32	0.55	0.48	1.15
50967	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.31	35	33	0.75	0.38	1.09
50968	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.90	26	23	0.67	1.63	0.91
50969	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-0.11	30	20	0.40	0.82	1.33
50970	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	0.00	0	0	0.00	1.00	1.00
50971	Number and Operations	Estimate fractions and decimals sums and differences.	-1.50	27	23	0.59	0.56	1.24
50972	Number and Operations	Estimate fractions and decimals sums and differences.	-6.74	34	33	1.03	0.26	1.02
50973	Number and Operations	Estimate fractions and decimals sums and differences.	-0.46	34	26	0.44	0.56	1.38
50974	Number and Operations	Estimate fractions and decimals sums and differences.	-0.99	30	26	0.58	0.39	1.27
50975	Number and Operations	Estimate fractions and decimals sums and differences.	-0.10	26	17	0.46	1.30	0.91

50976	Number and Operations	Estimate fractions and decimals sums and differences.	0.45	44	24	0.33	1.56	-0.20
50977	Number and Operations	Estimate fractions and decimals sums and differences.	1.53	39	17	0.36	1.23	0.34
50978	Number and Operations	Estimate fractions and decimals sums and differences.	0.86	31	17	0.39	0.81	1.35
50979	Number and Operations	Estimate fractions and decimals sums and differences.	0.03	32	20	0.40	1.03	0.89
50980	Number and Operations	Estimate fractions and decimals sums and differences.	-0.22	35	24	0.41	0.79	1.20
50981	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	2.01	22	8	0.50	1.50	0.82
50982	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.92	30	26	0.58	0.76	1.15
50983	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.24	37	33	0.56	0.74	1.00
50984	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	3.36	28	4	0.58	1.62	0.79
50985	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	2.60	33	6	0.49	2.73	0.28
50986	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	3.08	30	4	0.56	2.21	0.57
50987	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-2.29	25	23	0.76	0.88	0.96

50988	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.68	28	10	0.43	0.90	1.13
50989	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	2.21	43	13	0.38	1.21	0.77
50990	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.54	44	16	0.36	1.57	0.47
50991	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	1.65	25	7	0.46	1.22	0.74
50992	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	1.30	30	13	0.42	0.87	1.19
50993	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.60	37	21	0.37	0.67	1.56
50994	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.63	29	16	0.41	0.97	1.01
50995	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.89	24	22	0.77	1.48	0.93
50996	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.35	30	23	0.48	0.54	1.34
50997	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	2.01	34	10	0.42	1.00	1.02
50998	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.74	22	13	0.50	0.88	1.09
50999	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.36	30	22	0.46	0.74	1.22
51000	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.61	32	19	0.39	0.92	1.13

51001	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-1.59	37	33	0.55	2.09	0.90
51002	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.59	45	34	0.39	1.29	0.68
51003	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.74	39	31	0.43	2.97	0.26
51004	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.61	39	24	0.36	1.12	0.82
51005	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.99	25	10	0.46	0.93	1.04
51006	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.86	33	18	0.41	1.08	0.91
51007	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.04	41	27	0.37	0.80	1.18
51008	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.71	29	19	0.43	0.90	1.01
51009	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.30	25	15	0.46	1.31	0.58
51010	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	1.71	25	9	0.47	1.48	0.53
51011	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.21	31	20	0.43	1.51	0.33

51012	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	1.58	26	9	0.47	0.93	0.98
51013	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	1.28	32	15	0.38	1.17	0.55
51014	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.15	31	26	0.58	0.91	0.92
51015	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.00	0	0	0.00	1.00	1.00
51016	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.11	39	27	0.39	1.23	0.87
51017	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.51	33	18	0.38	1.22	0.53
51018	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.25	30	18	0.42	1.71	-0.57
51019	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.34	21	17	0.60	1.09	0.78
51020	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-2.76	40	38	0.74	2.29	0.84
51021	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.50	29	22	0.48	2.75	0.41
51022	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.87	39	30	0.41	2.56	0.50
51023	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.44	30	23	0.46	1.19	0.75

51024	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.85	36	30	0.50	3.06	0.62
51025	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	1.26	30	15	0.39	1.77	-0.77
51026	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	0.32	28	17	0.43	1.15	0.75
51027	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.61	52	20	0.32	0.93	1.16
51028	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.49	38	18	0.36	0.76	1.49
51029	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.81	31	10	0.42	0.94	1.06
51030	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.16	45	19	0.34	1.04	0.88
51031	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.18	27	11	0.42	0.87	1.31
51032	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.37	35	15	0.37	1.14	0.96
51033	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	0.00	0	0	0.00	1.00	1.00
51034	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	3.96	33	3	0.64	1.19	0.93
51035	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	1.27	39	16	0.36	0.77	1.52

51036	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	3.84	35	3	0.63	1.99	1.01
51037	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.18	20	14	0.52	1.29	0.52
51038	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-1.49	41	35	0.46	1.00	0.87
51039	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	4.33	32	2	0.77	2.16	0.90
51040	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	3.35	27	3	0.65	4.67	0.49
51041	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	2.26	28	6	0.51	2.08	0.44
51042	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	2.68	24	5	0.57	0.88	0.85
51043	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	2.82	45	7	0.45	2.17	0.47
51044	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	2.14	30	11	0.44	1.83	0.75
51045	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	1.71	28	7	0.48	1.24	0.76
51046	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	1.60	39	15	0.37	0.93	1.17
51047	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.80	47	26	0.33	0.83	1.19

51048	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.78	26	14	0.43	0.98	0.94
51049	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	2.22	33	9	0.43	1.50	0.75
51050	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	2.07	39	12	0.38	1.15	1.09
51051	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.02	37	32	0.52	0.81	0.94
51052	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	0.12	30	21	0.43	0.89	1.03
51053	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.48	34	26	0.45	2.05	0.83
51054	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.52	30	22	0.46	0.98	0.95
51055	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.62	30	26	0.57	0.64	1.06
51056	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.07	36	23	0.39	0.97	1.16
51057	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.35	28	21	0.47	0.56	1.42

51058	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	0.03	23	14	0.47	0.72	1.53
51059	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.21	34	24	0.44	0.45	1.54
51060	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.52	36	29	0.46	0.62	1.22
51061	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.09	29	18	0.42	0.95	1.02
51062	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.50	20	14	0.56	0.62	1.33
51063	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.61	33	16	0.40	0.73	1.30
51064	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.85	31	27	0.56	1.82	0.70
51065	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.24	31	23	0.47	0.66	1.18
51066	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.32	35	28	0.45	1.08	0.89
51067	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-1.94	41	37	0.55	0.40	1.21
51068	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.69	36	29	0.46	0.66	1.12

51069	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.66	26	21	0.55	0.60	1.20
51070	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.35	38	23	0.37	0.97	1.06
51071	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.84	35	16	0.38	0.62	1.86
51072	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.82	37	19	0.36	0.87	1.17
51073	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.45	30	13	0.43	0.91	1.23
51074	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.04	23	16	0.51	0.75	1.16
51075	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.03	35	22	0.38	0.99	0.97
51076	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.39	31	16	0.39	0.91	1.22
51077	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.37	36	23	0.38	0.99	1.19
51078	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	2.04	35	10	0.41	0.73	1.23
51079	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.06	31	16	0.40	0.90	1.16
51080	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.87	29	14	0.41	0.76	1.43

51081	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.31	27	16	0.45	1.06	0.88
51082	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.39	36	21	0.37	0.78	1.49
51083	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.16	48	31	0.33	0.60	1.62
51084	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.09	21	15	0.52	0.68	1.39
51085	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.07	44	23	0.33	0.76	1.46
51086	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.42	36	14	0.38	1.05	0.96
51087	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.50	28	15	0.41	1.06	0.94
51088	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.03	28	16	0.42	0.83	1.34
51089	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.29	17	7	0.55	0.86	1.22
51090	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.36	26	11	0.44	0.86	1.19
51091	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.44	23	18	0.54	0.60	1.38

51092	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	1.45	28	12	0.42	0.96	1.08
51093	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.26	29	20	0.43	0.78	1.25
51094	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.64	39	36	0.61	0.71	1.03
51095	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.21	32	23	0.45	1.04	0.92
51096	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.73	28	14	0.42	1.76	-0.70
51097	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.04	29	24	0.52	0.97	1.01
51098	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.45	38	33	0.54	0.64	1.01
51099	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.59	37	30	0.46	0.86	1.07
51100	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.99	25	21	0.58	0.61	1.14
51151	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-2.72	34	32	0.76	0.41	1.10
51152	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.75	45	36	0.40	0.87	1.10
51153	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-6.80	28	27	1.03	1.16	0.99

51154	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.91	31	25	0.50	1.06	0.98
51155	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.23	30	21	0.44	0.70	1.24
51156	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	1.04	39	19	0.36	1.06	0.93
51157	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.33	42	26	0.35	1.79	-0.05
51158	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	1.67	31	11	0.41	1.09	1.01
51159	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	2.27	33	10	0.41	0.67	1.45
51160	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-0.90	44	37	0.44	1.64	0.72
51161	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.64	43	26	0.36	1.66	0.22
51162	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	1.25	35	15	0.39	1.35	0.47
51163	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	2.82	28	5	0.55	0.76	1.01
51164	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	2.69	30	7	0.48	0.45	1.39
51165	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	1.80	30	11	0.42	1.17	0.86

51166	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	1.72	33	13	0.40	0.66	1.42
51167	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	1.48	38	16	0.37	1.13	0.82
51168	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.97	18	11	0.53	0.67	1.68
51169	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	1.17	27	13	0.42	1.01	0.91
51170	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.41	34	21	0.40	0.70	1.37
51171	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	0.31	29	18	0.42	0.76	1.42
51172	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	0.73	48	28	0.33	0.77	1.28
51173	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-2.41	23	21	0.79	0.81	1.04
51174	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	1.98	34	10	0.42	0.87	1.06
51175	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.12	33	22	0.39	0.88	1.09
51176	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	3.78	35	3	0.67	1.22	1.18
51177	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	4.60	27	2	0.79	5.58	0.40

51178	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.21	31	15	0.40	0.67	1.65
51179	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.44	31	14	0.39	1.02	0.93
51180	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.08	35	17	0.37	1.11	0.70
51181	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	0.98	28	13	0.41	1.30	-0.01
51182	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.69	33	12	0.40	0.84	1.43
51183	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	1.85	40	15	0.36	1.81	-0.30
51184	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	1.43	30	12	0.41	0.92	1.08
51185	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	2.59	37	8	0.43	0.64	1.27
51186	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.47	36	27	0.42	1.70	0.56
51187	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	2.26	29	9	0.45	2.44	-0.13
51188	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.19	25	18	0.49	1.89	0.78
51189	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	4.17	39	2	0.75	0.93	0.95

51190	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	2.20	36	10	0.42	1.09	0.70
51191	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	3.79	30	3	0.65	3.68	0.45
51192	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	5.65	30	1	1.07	0.09	1.29
51193	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	2.49	38	8	0.44	1.63	0.67
51194	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	2.17	32	8	0.46	1.44	0.66
51195	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	1.94	46	15	0.36	1.48	0.68
51196	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	2.22	38	9	0.42	1.11	1.02
51197	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	2.53	42	8	0.41	1.69	0.85
51198	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	2.00	37	13	0.39	1.78	0.22
51199	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.76	44	24	0.34	1.12	0.72
51200	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-0.70	22	18	0.58	0.79	1.03

Table 2
Distractor Analysis, Grade 4

Item	Answer	Score	Count	Average Measure	S.E. MEAS	OUTFIT MNSQ
50001	A	1	11	1.68	0.66	1.18
50001	B	0	6	0.40	0.47	1.17
50001	C	0	8	0.88	0.30	1.23
50001	D	0	3	-0.18	0.28	0.36
50002	A	1	21	1.20	0.14	0.85
50002	B	0	7	0.42	0.37	0.98
50002	C	0	8	0.34	0.30	0.81
50002	D	0	1	1.56	0.00	2.05
50003	A	1	14	1.08	0.34	1.97
50003	B	0	4	0.45	0.60	0.91
50003	C	0	2	0.22	1.04	0.74
50003	D	0	10	1.10	0.25	1.48
50004	A	1	17	1.65	0.47	1.03
50004	B	0	4	0.74	0.25	0.93
50004	C	0	11	0.41	0.25	0.83
50004	D	0	5	0.55	0.52	1.14
50005	A	1	936	1.48	0.05	1.18
50005	B	0	466	0.71	0.06	1.49
50005	C	0	273	0.65	0.07	1.26
50005	D	0	116	0.14	0.11	0.79
50006	A	1	26	1.25	0.38	1.37
50006	B	0	6	0.05	0.26	0.79
50006	C	0	0	0.00	0.00	0.00
50006	D	0	2	0.44	0.96	1.50
50007	A	1	33	0.98	0.30	0.97
50007	B	0	2	-0.61	0.10	0.42
50007	C	0	0	0.00	0.00	0.00
50007	D	0	0	0.00	0.00	0.00
50008	A	1	28	0.94	0.20	0.87
50008	B	0	3	0.49	0.92	2.75
50008	C	0	1	-0.89	0.00	0.31
50008	D	0	2	-1.37	0.47	0.21
50009	A	1	30	1.20	0.21	1.10
50009	B	0	2	-0.42	0.10	0.37
50009	C	0	1	0.90	0.00	1.36
50009	D	0	0	0.00	0.00	0.00
50010	A	1	25	0.86	0.20	1.18
50010	B	0	0	0.00	0.00	0.00
50010	C	0	5	1.17	0.67	4.16
50010	D	0	1	0.79	0.00	1.18
50011	A	1	19	1.79	0.55	0.80
50011	B	0	1	-1.02	0.00	0.21
50011	C	0	1	-1.70	0.00	0.11
50011	D	0	3	0.21	0.44	0.90
50012	A	1	23	1.63	0.46	0.83
50012	B	0	3	-0.47	0.83	0.59
50012	C	0	1	0.93	0.00	1.41
50012	D	0	1	-0.50	0.00	0.33
50013	A	1	1083	1.57	0.04	0.94
50013	B	0	265	0.46	0.06	0.99

50013	C	0	243	0.35	0.07	1.00
50013	D	0	195	-0.02	0.07	0.63
50014	A	1	22	1.20	0.36	0.84
50014	B	0	4	-0.08	0.40	0.80
50014	C	0	2	-0.28	0.09	0.51
50014	D	0	2	-0.89	0.26	0.28
50015	A	1	25	1.35	0.29	1.06
50015	B	0	6	0.28	0.26	0.74
50015	C	0	2	0.17	0.48	0.64
50015	D	0	3	0.04	0.15	0.51
50016	A	1	21	1.81	0.37	0.99
50016	B	0	3	-0.09	0.68	0.54
50016	C	0	3	0.75	1.01	1.72
50016	D	0	1	0.86	0.00	0.87
50017	A	1	31	1.52	0.30	0.98
50017	B	0	1	2.02	0.00	3.68
50017	C	0	5	-0.23	0.20	0.43
50017	D	0	2	0.00	0.43	0.53
50018	A	1	23	2.04	0.45	0.75
50018	B	0	7	0.26	0.26	0.65
50018	C	0	0	0.00	0.00	0.00
50018	D	0	1	-1.93	0.00	0.06
50019	A	1	29	1.69	0.19	0.72
50019	B	0	6	0.17	0.40	0.66
50019	C	0	0	0.00	0.00	0.00
50019	D	0	5	-0.08	0.23	0.40
50020	A	1	23	1.38	0.38	0.97
50020	B	0	1	1.59	0.00	2.53
50020	C	0	0	0.00	0.00	0.00
50020	D	0	4	-0.11	0.36	0.54
50021	A	1	10	1.98	0.69	0.93
50021	B	0	3	0.34	0.09	0.51
50021	C	0	8	0.78	0.23	0.97
50021	D	0	18	0.56	0.23	0.93
50022	A	1	14	1.77	0.20	0.66
50022	B	0	3	0.62	0.12	0.62
50022	C	0	4	0.83	0.14	0.78
50022	D	0	6	0.10	0.32	0.45
50023	A	1	16	1.77	0.22	0.67
50023	B	0	4	0.98	0.85	2.26
50023	C	0	2	0.95	0.68	1.11
50023	D	0	11	0.06	0.28	0.50
50024	A	1	17	1.94	0.47	0.97
50024	B	0	5	0.57	0.32	0.79
50024	C	0	8	0.97	0.35	1.38
50024	D	0	13	0.14	0.25	0.57
50025	A	1	22	1.32	0.22	0.90
50025	B	0	6	0.12	0.42	0.83
50025	C	0	3	0.51	0.61	1.17
50025	D	0	7	0.16	0.38	0.87
50026	A	1	17	2.14	0.66	1.25
50026	B	0	4	0.22	0.15	0.56
50026	C	0	2	0.66	0.73	1.08
50026	D	0	7	0.34	0.23	0.71

50027	A	1	26	1.37	0.25	1.32
50027	B	0	1	0.27	0.00	0.62
50027	C	0	3	-0.18	0.48	0.48
50027	D	0	10	0.25	0.19	0.71
50028	A	1	16	1.63	0.46	1.06
50028	B	0	1	-0.17	0.00	0.31
50028	C	0	10	0.98	0.10	1.01
50028	D	0	9	0.48	0.32	0.90
50029	A	1	21	1.29	0.21	0.68
50029	B	0	1	-1.11	0.00	0.19
50029	C	0	0	0.00	0.00	0.00
50029	D	0	6	-0.42	0.38	0.52
50030	A	1	18	1.25	0.24	1.28
50030	B	0	2	1.40	1.38	3.17
50030	C	0	0	0.00	0.00	0.00
50030	D	0	3	1.08	0.47	1.36
50031	A	1	18	1.99	0.43	0.77
50031	B	0	2	0.13	0.16	0.40
50031	C	0	0	0.00	0.00	0.00
50031	D	0	2	-0.10	0.47	0.35
50032	A	1	18	1.29	0.19	0.71
50032	B	0	3	0.37	0.23	0.74
50032	C	0	3	0.01	0.10	0.50
50032	D	0	2	-0.67	0.18	0.25
50033	A	1	21	1.49	0.23	0.67
50033	B	0	9	-0.10	0.31	0.75
50033	C	0	2	-1.55	0.52	0.13
50033	D	0	1	-0.66	0.00	0.28
50034	A	1	18	1.68	0.37	1.07
50034	B	0	6	0.49	0.15	0.68
50034	C	0	1	-0.60	0.00	0.22
50034	D	0	1	0.68	0.00	0.78
50035	A	1	18	1.27	0.26	0.95
50035	B	0	4	-0.67	0.33	0.34
50035	C	0	1	0.03	0.00	0.59
50035	D	0	6	0.12	0.21	0.71
50036	A	1	13	1.77	0.27	0.63
50036	B	0	1	-0.96	0.00	0.15
50036	C	0	7	0.17	0.36	0.68
50036	D	0	4	0.13	0.40	0.58
50037	A	1	27	1.49	0.33	0.82
50037	B	0	1	-0.19	0.00	0.47
50037	C	0	3	-0.81	0.07	0.26
50037	D	0	0	0.00	0.00	0.00
50038	A	1	19	1.56	0.43	1.07
50038	B	0	0	0.00	0.00	0.00
50038	C	0	0	0.00	0.00	0.00
50038	D	0	2	0.35	0.50	0.74
50039	A	1	43	1.15	0.28	0.90
50039	B	0	2	-0.98	1.25	0.52
50039	C	0	3	0.10	0.84	1.29
50039	D	0	2	-0.44	0.38	0.50
50040	A	1	28	1.22	0.18	0.70
50040	B	0	3	-0.46	0.09	0.38

50040	C	0	3	-0.08	1.06	1.25
50040	D	0	5	-0.55	0.35	0.43
50041	A	1	10	2.99	0.81	0.62
50041	B	0	10	1.13	0.32	1.32
50041	C	0	16	0.86	0.46	0.89
50041	D	0	8	0.21	0.35	0.53
50042	A	1	15	1.66	0.52	1.19
50042	B	0	4	1.28	0.80	2.26
50042	C	0	12	0.84	0.28	1.06
50042	D	0	7	0.35	0.20	0.55
50043	A	1	9	2.59	1.08	1.44
50043	B	0	10	1.18	0.25	1.46
50043	C	0	16	0.06	0.18	0.46
50043	D	0	4	0.80	0.36	0.90
50044	A	1	10	3.12	0.88	0.82
50044	B	0	7	0.45	0.49	0.92
50044	C	0	11	0.67	0.26	0.74
50044	D	0	4	-0.14	0.68	0.42
50045	A	1	17	1.04	0.20	1.02
50045	B	0	4	0.92	0.48	1.69
50045	C	0	1	1.24	0.00	1.67
50045	D	0	3	-0.46	0.31	0.33
50046	A	1	16	1.96	0.57	0.92
50046	B	0	8	0.20	0.31	0.72
50046	C	0	0	0.00	0.00	0.00
50046	D	0	8	0.34	0.43	1.15
50047	A	1	25	1.18	0.16	0.93
50047	B	0	4	0.61	0.70	1.59
50047	C	0	4	0.05	0.32	0.60
50047	D	0	7	-0.02	0.20	0.55
50048	A	1	24	1.18	0.15	0.73
50048	B	0	1	0.37	0.00	0.77
50048	C	0	2	-0.60	0.80	0.39
50048	D	0	7	-0.10	0.27	0.61
50049	A	1	21	1.10	0.20	0.80
50049	B	0	1	-0.31	0.00	0.44
50049	C	0	1	-1.09	0.00	0.20
50049	D	0	3	-0.25	0.33	0.52
50050	A	1	13	1.04	0.17	0.86
50050	B	0	0	0.00	0.00	0.00
50050	C	0	13	0.41	0.17	0.90
50050	D	0	3	0.56	1.06	2.43
50051	A	1	7	1.59	0.45	0.75
50051	B	0	3	0.58	0.57	1.02
50051	C	0	7	0.30	0.30	0.68
50051	D	0	10	0.29	0.38	0.95
50052	A	1	10	2.23	0.71	0.95
50052	B	0	6	0.30	0.25	0.51
50052	C	0	10	0.86	0.21	0.98
50052	D	0	6	0.48	0.47	0.77
50053	A	1	22	1.98	0.36	0.89
50053	B	0	3	0.10	0.73	0.63
50053	C	0	4	1.30	0.11	1.31
50053	D	0	9	-0.02	0.28	0.46

50054	A	1	4	2.06	0.51	0.59
50054	B	0	3	0.56	0.29	0.56
50054	C	0	12	0.54	0.27	0.79
50054	D	0	12	1.09	0.17	1.07
50055	A	1	4	1.50	0.52	1.06
50055	B	0	3	0.28	0.35	0.42
50055	C	0	12	0.93	0.30	1.20
50055	D	0	6	1.14	0.27	1.06
50056	A	1	8	2.48	0.34	0.48
50056	B	0	10	0.49	0.24	0.52
50056	C	0	5	1.01	0.31	0.82
50056	D	0	12	0.76	0.32	0.85
50057	A	1	7	2.09	0.51	1.02
50057	B	0	9	1.13	0.45	1.43
50057	C	0	2	0.12	0.38	0.31
50057	D	0	8	0.52	0.25	0.52
50058	A	1	11	2.63	0.82	0.94
50058	B	0	9	0.79	0.30	0.90
50058	C	0	7	0.67	0.33	0.79
50058	D	0	9	0.34	0.36	0.65
50059	A	1	8	2.09	0.87	1.13
50059	B	0	1	0.38	0.00	0.46
50059	C	0	9	1.32	0.36	1.79
50059	D	0	9	0.00	0.38	0.58
50060	A	1	7	1.02	0.56	2.08
50060	B	0	4	2.31	0.70	4.89
50060	C	0	4	0.19	0.41	0.51
50060	D	0	13	0.56	0.24	0.77
50061	A	1	21	1.39	0.40	1.01
50061	B	0	5	-0.40	0.46	0.55
50061	C	0	1	0.36	0.00	0.83
50061	D	0	5	0.21	0.65	1.37
50062	A	1	32	1.26	0.20	1.17
50062	B	0	0	0.00	0.00	0.00
50062	C	0	2	0.52	0.69	1.10
50062	D	0	0	0.00	0.00	0.00
50063	A	1	28	1.71	0.37	0.86
50063	B	0	1	0.12	0.00	0.50
50063	C	0	1	1.44	0.00	1.87
50063	D	0	2	-0.76	1.16	0.36
50064	A	1	28	1.26	0.40	1.09
50064	B	0	0	0.00	0.00	0.00
50064	C	0	1	1.76	0.00	3.78
50064	D	0	3	0.20	0.80	1.46
50065	A	1	37	0.91	0.15	0.89
50065	B	0	1	-0.32	0.00	0.50
50065	C	0	2	-1.15	0.07	0.22
50065	D	0	2	-0.19	0.16	0.58
50066	A	1	31	1.18	0.21	1.11
50066	B	0	1	-1.16	0.00	0.17
50066	C	0	3	0.73	0.86	2.40
50066	D	0	0	0.00	0.00	0.00
50067	A	1	22	0.56	0.32	1.07
50067	B	0	1	-0.92	0.00	0.55

50067	C	0	0	0.00	0.00	0.00
50067	D	0	0	0.00	0.00	0.00
50068	A	1	28	1.26	0.23	1.12
50068	B	0	3	-0.16	0.48	0.53
50068	C	0	0	0.00	0.00	0.00
50068	D	0	2	1.48	0.71	2.75
50069	A	1	32	1.80	0.33	0.98
50069	B	0	2	0.37	0.44	0.55
50069	C	0	0	0.00	0.00	0.00
50069	D	0	1	0.61	0.00	0.64
50070	A	1	31	0.66	0.17	0.91
50070	B	0	1	0.82	0.00	1.97
50070	C	0	1	-0.12	0.00	0.77
50070	D	0	3	-1.05	1.16	0.88
50071	A	1	21	1.30	0.36	0.98
50071	B	0	3	0.33	0.10	0.65
50071	C	0	0	0.00	0.00	0.00
50071	D	0	0	0.00	0.00	0.00
50073	A	1	27	1.10	0.22	1.03
50073	B	0	2	0.59	0.77	1.42
50073	C	0	1	-0.73	0.00	0.29
50073	D	0	1	-0.41	0.00	0.40
50074	A	1	21	1.40	0.39	1.22
50074	B	0	7	0.60	0.37	1.17
50074	C	0	5	0.25	0.20	0.63
50074	D	0	0	0.00	0.00	0.00
50075	A	1	30	1.15	0.14	0.74
50075	B	0	1	0.37	0.00	0.81
50075	C	0	3	-0.30	0.84	0.71
50075	D	0	2	-1.13	0.40	0.19
50076	A	1	21	1.63	0.38	0.96
50076	B	0	0	0.00	0.00	0.00
50076	C	0	4	0.82	0.65	1.92
50076	D	0	3	-0.29	0.42	0.40
50077	A	1	23	1.44	0.40	1.26
50077	B	0	4	-0.25	0.17	0.43
50077	C	0	3	0.56	0.12	0.95
50077	D	0	6	0.25	0.28	0.82
50078	A	1	965	1.64	0.05	1.01
50078	B	0	148	0.55	0.08	1.13
50078	C	0	454	0.44	0.04	0.87
50078	D	0	210	0.14	0.07	0.73
50079	A	1	22	1.43	0.20	0.87
50079	B	0	5	0.36	0.40	0.77
50079	C	0	7	0.43	0.33	0.86
50079	D	0	4	0.35	0.38	0.68
50080	A	1	25	1.29	0.18	1.15
50080	B	0	2	0.86	0.10	0.87
50080	C	0	3	1.14	0.17	1.18
50080	D	0	5	0.49	0.44	0.80
50081	A	1	18	1.07	0.14	0.90
50081	B	0	3	0.08	0.60	0.70
50081	C	0	4	0.66	0.16	0.92
50081	D	0	0	0.00	0.00	0.00

50082	A	1	27	1.53	0.32	1.04
50082	B	0	6	0.92	0.38	1.39
50082	C	0	1	-0.04	0.00	0.37
50082	D	0	2	0.14	0.03	0.45
50084	A	1	13	1.93	0.57	0.95
50084	B	0	8	0.92	0.24	1.10
50084	C	0	2	0.06	1.49	0.89
50084	D	0	6	-0.25	0.61	0.50
50085	A	1	22	0.53	0.22	1.34
50085	B	0	1	-0.75	0.00	0.32
50085	C	0	4	1.13	0.49	3.09
50085	D	0	6	0.49	0.35	1.57
50086	A	1	16	1.15	0.29	0.89
50086	B	0	0	0.00	0.00	0.00
50086	C	0	3	-0.20	0.38	0.56
50086	D	0	2	-0.11	0.65	0.64
50087	A	1	19	1.38	0.24	0.91
50087	B	0	4	-0.16	0.18	0.38
50087	C	0	10	0.62	0.41	1.71
50087	D	0	3	0.63	0.27	0.87
50088	A	1	28	2.32	0.39	0.72
50088	B	0	12	0.02	0.26	0.46
50088	C	0	0	0.00	0.00	0.00
50088	D	0	4	1.00	0.52	1.32
50089	A	1	31	0.94	0.18	0.99
50089	B	0	0	0.00	0.00	0.00
50089	C	0	2	0.22	0.95	1.12
50089	D	0	0	0.00	0.00	0.00
50090	A	1	31	0.99	0.13	0.82
50090	B	0	2	-0.04	0.72	0.73
50090	C	0	1	-2.07	0.00	0.07
50090	D	0	1	0.37	0.00	0.86
50091	A	1	29	1.32	0.30	0.91
50091	B	0	3	-1.04	0.26	0.23
50091	C	0	0	0.00	0.00	0.00
50091	D	0	3	0.10	0.17	0.70
50092	A	1	3	1.81	1.11	1.89
50092	B	0	3	0.11	0.43	0.32
50092	C	0	16	1.25	0.21	1.13
50092	D	0	5	0.41	0.44	0.53
50093	A	1	5	2.60	1.39	1.37
50093	B	0	1	-1.63	0.00	0.05
50093	C	0	21	0.97	0.20	1.05
50093	D	0	4	0.85	0.42	0.79
50094	A	1	21	0.85	0.17	0.89
50094	B	0	3	-0.08	0.92	1.40
50094	C	0	0	0.00	0.00	0.00
50094	D	0	0	0.00	0.00	0.00
50095	A	1	30	1.06	0.31	0.97
50095	B	0	2	3.60	3.06	37.14
50095	C	0	0	0.00	0.00	0.00
50095	D	0	3	-0.98	0.20	0.29
50096	A	1	15	0.97	0.29	1.09
50096	B	0	0	0.00	0.00	0.00

50096	C	0	2	0.19	0.26	0.74
50096	D	0	0	0.00	0.00	0.00
50097	A	1	27	1.62	0.30	0.79
50097	B	0	3	-0.36	0.87	0.70
50097	C	0	1	0.56	0.00	0.80
50097	D	0	1	-0.41	0.00	0.31
50098	A	1	27	1.79	0.46	1.13
50098	B	0	0	0.00	0.00	0.00
50098	C	0	3	0.85	0.23	1.15
50098	D	0	0	0.00	0.00	0.00
50099	A	1	32	1.30	0.26	0.99
50099	B	0	1	0.33	0.00	0.78
50099	C	0	0	0.00	0.00	0.00
50099	D	0	4	-0.18	0.56	0.64
50100	A	1	5	2.25	0.87	2.11
50100	B	0	2	1.29	1.49	2.49
50100	C	0	21	0.31	0.21	0.70
50100	D	0	8	0.44	0.24	0.59
50102	A	1	31	1.38	0.28	1.06
50102	B	0	1	-0.09	0.00	0.55
50102	C	0	1	1.53	0.00	2.07
50102	D	0	0	0.00	0.00	0.00
50103	A	1	34	1.20	0.18	1.00
50103	B	0	2	1.09	0.04	1.48
50103	C	0	5	0.14	0.62	1.45
50103	D	0	0	0.00	0.00	0.00
50105	A	1	22	0.84	0.35	1.04
50105	B	0	0	0.00	0.00	0.00
50105	C	0	1	1.20	0.00	2.16
50105	D	0	0	0.00	0.00	0.00
50106	A	1	25	0.75	0.21	1.04
50106	B	0	0	0.00	0.00	0.00
50106	C	0	1	0.49	0.00	1.21
50106	D	0	0	0.00	0.00	0.00
50107	A	1	31	0.98	0.19	0.91
50107	B	0	2	1.87	0.19	3.83
50107	C	0	0	0.00	0.00	0.00
50107	D	0	3	-0.72	1.30	0.80
50108	A	1	20	1.65	0.39	0.92
50108	B	0	1	0.70	0.00	0.93
50108	C	0	1	-0.89	0.00	0.19
50108	D	0	3	0.01	0.46	0.58
50109	A	1	20	1.54	0.29	0.92
50109	B	0	6	0.15	0.43	0.86
50109	C	0	5	-0.09	0.35	0.52
50109	D	0	3	0.20	0.53	0.75
50110	A	1	11	1.24	0.37	1.64
50110	B	0	11	0.82	0.35	1.62
50110	C	0	4	0.73	0.30	0.87
50110	D	0	1	-0.18	0.00	0.30
50111	A	1	18	1.60	0.45	1.25
50111	B	0	10	0.95	0.30	1.35
50111	C	0	4	0.47	0.63	0.95
50111	D	0	5	0.34	0.22	0.57

50112	A	1	22	1.07	0.22	0.91
50112	B	0	4	0.03	0.39	0.71
50112	C	0	3	-0.26	0.19	0.46
50112	D	0	4	0.31	0.60	1.42
50113	A	1	21	1.59	0.36	0.78
50113	B	0	3	-0.16	0.32	0.46
50113	C	0	2	0.27	1.63	1.69
50113	D	0	2	-0.52	0.91	0.42
50114	A	1	22	1.18	0.21	1.09
50114	B	0	5	0.44	0.30	0.87
50114	C	0	1	1.13	0.00	1.42
50114	D	0	1	-0.46	0.00	0.29
50116	A	1	31	1.11	0.24	0.93
50116	B	0	1	-0.59	0.00	0.31
50116	C	0	1	-0.26	0.00	0.43
50116	D	0	1	0.38	0.00	0.82
50117	A	1	28	1.03	0.15	1.00
50117	B	0	0	0.00	0.00	0.00
50117	C	0	2	0.42	0.21	0.73
50117	D	0	1	0.15	0.00	0.55
50118	A	1	23	1.08	0.20	0.88
50118	B	0	1	-0.11	0.00	0.53
50118	C	0	1	-1.23	0.00	0.17
50118	D	0	1	0.01	0.00	0.60
50119	A	1	26	1.40	0.32	0.87
50119	B	0	3	-0.62	0.75	0.47
50119	C	0	3	0.13	0.36	0.71
50119	D	0	3	0.08	0.27	0.64
50120	A	1	26	0.84	0.19	0.93
50120	B	0	2	-0.04	0.07	0.70
50120	C	0	0	0.00	0.00	0.00
50120	D	0	1	-1.36	0.00	0.18
50121	A	1	32	1.19	0.17	0.90
50121	B	0	4	0.36	0.50	1.04
50121	C	0	1	-0.88	0.00	0.20
50121	D	0	2	0.15	0.52	0.65
50122	A	1	33	1.26	0.22	1.18
50122	B	0	2	1.27	0.11	1.93
50122	C	0	0	0.00	0.00	0.00
50122	D	0	0	0.00	0.00	0.00
50123	A	1	25	1.33	0.21	0.89
50123	B	0	2	-0.92	0.19	0.20
50123	C	0	3	0.55	0.41	1.01
50123	D	0	1	-0.25	0.00	0.38
50124	A	1	33	1.17	0.35	0.89
50124	B	0	1	-0.89	0.00	0.38
50124	C	0	1	0.23	0.00	1.17
50124	D	0	3	-1.50	0.39	0.24
50125	A	1	27	1.25	0.31	0.76
50125	B	0	2	-0.27	0.20	0.49
50125	C	0	1	1.13	0.00	1.93
50125	D	0	2	-1.84	1.21	0.18
50126	A	1	22	1.29	0.39	0.95
50126	B	0	0	0.00	0.00	0.00

50126	C	0	3	-0.39	0.31	0.47
50126	D	0	0	0.00	0.00	0.00
50127	A	1	33	0.87	0.21	0.90
50127	B	0	2	-0.04	0.68	0.96
50127	C	0	2	-0.76	0.03	0.38
50127	D	0	2	-0.57	1.25	0.85
50128	A	1	22	1.34	0.35	0.85
50128	B	0	7	0.06	0.36	0.83
50128	C	0	3	-0.33	0.20	0.40
50128	D	0	1	1.64	0.00	2.78
50129	A	1	23	1.21	0.36	1.15
50129	B	0	0	0.00	0.00	0.00
50129	C	0	3	0.61	0.17	0.87
50129	D	0	2	1.78	0.14	2.76
50130	A	1	22	1.22	0.19	0.95
50130	B	0	8	0.87	0.24	1.29
50130	C	0	3	-0.53	0.79	0.49
50130	D	0	1	-1.05	0.00	0.15
50131	A	1	21	1.80	0.35	1.42
50131	B	0	4	0.40	0.57	0.74
50131	C	0	5	0.97	0.21	1.01
50131	D	0	7	0.02	0.29	0.44
50132	A	1	15	1.67	0.57	1.35
50132	B	0	11	0.67	0.19	0.92
50132	C	0	5	0.84	0.61	1.77
50132	D	0	4	-0.40	0.25	0.29
50133	A	1	17	2.30	0.54	0.92
50133	B	0	10	0.34	0.48	1.20
50133	C	0	2	-0.20	0.30	0.28
50133	D	0	5	0.68	0.38	0.86
50134	A	1	28	1.24	0.31	1.58
50134	B	0	11	0.97	0.23	1.42
50134	C	0	1	1.89	0.00	2.65
50134	D	0	0	0.00	0.00	0.00
50135	A	1	17	0.97	0.19	1.07
50135	B	0	11	0.83	0.27	1.43
50135	C	0	3	0.91	0.46	1.37
50135	D	0	3	-0.62	1.19	0.91
50136	A	1	6	1.17	0.55	1.32
50136	B	0	15	0.68	0.16	1.07
50136	C	0	9	0.01	0.31	0.63
50136	D	0	0	0.00	0.00	0.00
50137	A	1	18	0.86	0.21	1.11
50137	B	0	2	-0.54	1.00	0.50
50137	C	0	8	0.50	0.29	1.18
50137	D	0	1	0.41	0.00	0.85
50138	A	1	28	1.49	0.33	1.14
50138	B	0	2	-0.12	0.52	0.47
50138	C	0	3	0.82	0.81	2.07
50138	D	0	2	0.55	0.18	0.83
50139	A	1	20	1.51	0.24	0.89
50139	B	0	10	0.88	0.29	1.41
50139	C	0	1	0.33	0.00	0.55
50139	D	0	4	-0.63	0.07	0.21

50140	A	1	15	1.80	0.51	1.07
50140	B	0	9	0.90	0.33	1.36
50140	C	0	1	0.52	0.00	0.62
50140	D	0	6	-0.03	0.17	0.38
50141	A	1	2	0.95	0.05	1.58
50141	B	0	8	1.76	0.29	1.84
50141	C	0	9	1.06	0.29	0.99
50141	D	0	12	0.67	0.25	0.64
50142	A	1	18	0.86	0.24	1.46
50142	B	0	8	0.58	0.16	0.99
50142	C	0	1	0.81	0.00	1.14
50142	D	0	12	0.44	0.34	1.75
50143	A	1	13	1.27	0.23	1.07
50143	B	0	8	0.94	0.34	1.44
50143	C	0	3	-0.20	0.45	0.38
50143	D	0	5	0.59	0.50	0.99
50144	A	1	7	1.49	0.24	1.01
50144	B	0	7	1.00	0.20	0.81
50144	C	0	12	1.09	0.29	1.18
50144	D	0	8	1.11	0.35	1.16
50145	A	1	26	1.62	0.37	0.86
50145	B	0	10	0.05	0.25	0.75
50145	C	0	1	-1.33	0.00	0.14
50145	D	0	0	0.00	0.00	0.00
50146	A	1	36	1.02	0.15	0.95
50146	B	0	0	0.00	0.00	0.00
50146	C	0	4	0.14	0.54	0.97
50146	D	0	2	0.38	0.83	1.06
50147	A	1	12	1.90	0.32	0.83
50147	B	0	9	0.67	0.28	0.82
50147	C	0	7	0.04	0.33	0.47
50147	D	0	0	0.00	0.00	0.00
50148	A	1	10	1.63	0.40	1.19
50148	B	0	15	0.64	0.26	0.92
50148	C	0	11	0.64	0.21	0.78
50148	D	0	0	0.00	0.00	0.00
50149	A	1	23	1.21	0.27	0.77
50149	B	0	2	-0.75	0.79	0.44
50149	C	0	0	0.00	0.00	0.00
50149	D	0	1	-1.37	0.00	0.17
50150	A	1	11	1.01	0.41	2.44
50150	B	0	13	0.84	0.36	1.67
50150	C	0	5	0.94	0.30	1.00
50150	D	0	1	0.32	0.00	0.48
50151	A	1	33	1.49	0.28	0.96
50151	B	0	1	-0.73	0.00	0.23
50151	C	0	0	0.00	0.00	0.00
50151	D	0	1	0.01	0.00	0.50
50152	A	1	25	1.35	0.18	0.79
50152	B	0	4	-0.07	0.65	0.78
50152	C	0	3	-0.16	0.58	0.57
50152	D	0	3	-0.01	0.63	0.66
50153	A	1	29	1.32	0.21	0.83
50153	B	0	1	-0.76	0.00	0.24

50153	C	0	3	-0.22	0.45	0.52
50153	D	0	2	-0.12	0.10	0.47
50154	A	1	21	1.90	0.46	0.76
50154	B	0	2	-1.29	0.65	0.18
50154	C	0	1	0.52	0.00	0.91
50154	D	0	0	0.00	0.00	0.00
50155	A	1	26	1.35	0.30	0.90
50155	B	0	0	0.00	0.00	0.00
50155	C	0	8	0.01	0.27	0.68
50155	D	0	0	0.00	0.00	0.00
50156	A	1	27	1.44	0.30	0.81
50156	B	0	2	-0.55	1.37	0.63
50156	C	0	1	0.18	0.00	0.62
50156	D	0	2	-0.49	0.24	0.33
50157	A	1	25	1.99	0.41	1.04
50157	B	0	1	0.20	0.00	0.46
50157	C	0	4	0.40	0.30	0.65
50157	D	0	5	0.18	0.40	0.61
50158	A	1	33	1.75	0.35	1.06
50158	B	0	2	1.48	0.68	2.36
50158	C	0	4	0.11	0.39	0.61
50158	D	0	0	0.00	0.00	0.00
50159	A	1	28	1.71	0.23	0.85
50159	B	0	6	0.83	0.37	1.14
50159	C	0	2	0.10	0.42	0.44
50159	D	0	3	-0.42	0.51	0.31
50160	A	1	21	1.27	0.37	0.79
50160	B	0	2	-0.24	0.77	0.72
50160	C	0	6	-0.61	0.35	0.50
50160	D	0	0	0.00	0.00	0.00
50161	A	1	26	1.41	0.26	0.85
50161	B	0	1	2.48	0.00	6.16
50161	C	0	4	-0.19	0.36	0.52
50161	D	0	5	-0.30	0.34	0.48
50162	A	1	26	1.54	0.31	1.02
50162	B	0	1	3.48	0.00	11.32
50162	C	0	4	0.22	0.61	0.78
50162	D	0	2	0.29	0.12	0.55
50163	A	1	31	1.22	0.29	1.20
50163	B	0	1	-0.76	0.00	0.24
50163	C	0	5	1.20	0.81	5.12
50163	D	0	4	0.19	0.27	0.67
50164	A	1	25	1.19	0.19	0.98
50164	B	0	2	-0.14	0.68	0.48
50164	C	0	4	1.25	0.28	1.71
50164	D	0	6	0.26	0.19	0.62
50166	A	1	32	1.19	0.16	1.12
50166	B	0	0	0.00	0.00	0.00
50166	C	0	4	1.22	0.25	1.42
50166	D	0	4	0.39	0.34	0.70
50167	A	1	25	1.34	0.24	1.03
50167	B	0	0	0.00	0.00	0.00
50167	C	0	2	-0.25	0.60	0.45
50167	D	0	5	0.34	0.51	1.09

50168	A	1	23	1.12	0.23	0.93
50168	B	0	1	-1.33	0.00	0.16
50168	C	0	5	0.47	0.33	1.22
50168	D	0	5	-0.53	0.42	0.53
50169	A	1	21	1.05	0.19	0.96
50169	B	0	3	0.40	0.49	0.93
50169	C	0	3	0.50	0.50	1.01
50169	D	0	0	0.00	0.00	0.00
50170	A	1	21	1.19	0.40	1.01
50170	B	0	4	0.44	0.38	1.09
50170	C	0	1	-0.76	0.00	0.27
50170	D	0	3	0.23	0.46	0.88
50171	A	1	22	1.05	0.22	0.93
50171	B	0	5	0.27	0.23	0.93
50171	C	0	2	-0.39	0.34	0.46
50171	D	0	4	-0.54	0.42	0.50
50172	A	1	10	1.29	0.45	2.27
50172	B	0	7	1.44	1.04	2.10
50172	C	0	9	0.58	0.23	0.77
50172	D	0	4	0.76	0.14	0.80
50173	A	1	13	2.55	0.67	0.72
50173	B	0	7	0.69	0.24	0.79
50173	C	0	10	0.61	0.44	1.52
50173	D	0	8	0.09	0.33	0.51
50174	A	1	16	1.93	0.45	0.70
50174	B	0	4	1.04	0.52	1.75
50174	C	0	5	-0.27	0.49	0.48
50174	D	0	10	0.22	0.22	0.63
50175	A	1	21	1.86	0.40	1.12
50175	B	0	12	0.53	0.24	0.86
50175	C	0	11	0.90	0.22	1.10
50175	D	0	5	-0.51	0.47	0.32
50176	A	1	12	1.27	0.24	0.69
50176	B	0	5	0.12	0.40	0.81
50176	C	0	4	-0.02	0.52	0.76
50176	D	0	4	0.14	0.43	0.79
50177	A	1	25	2.35	0.39	0.68
50177	B	0	0	0.00	0.00	0.00
50177	C	0	7	0.21	0.40	0.77
50177	D	0	4	-0.45	0.42	0.29
50178	A	1	14	2.42	0.55	0.71
50178	B	0	7	0.56	0.43	0.96
50178	C	0	10	-0.07	0.36	0.50
50178	D	0	3	0.55	1.06	1.54
50179	A	1	21	2.04	0.35	0.71
50179	B	0	2	1.76	0.16	2.09
50179	C	0	3	-0.21	0.11	0.29
50179	D	0	6	-0.35	0.41	0.36
50180	A	1	5	3.19	1.24	0.64
50180	B	0	8	0.85	0.27	0.69
50180	C	0	8	0.89	0.27	0.74
50180	D	0	5	1.09	0.56	1.33
50181	A	1	25	1.19	0.21	1.00
50181	B	0	4	-0.22	0.70	0.77

50181	C	0	1	-0.73	0.00	0.25
50181	D	0	5	0.50	0.29	0.99
50182	A	1	9	1.25	0.48	1.82
50182	B	0	1	-0.64	0.00	0.22
50182	C	0	4	0.72	0.24	0.92
50182	D	0	9	0.57	0.27	1.04
50183	A	1	16	1.50	0.35	0.73
50183	B	0	4	0.28	0.56	0.96
50183	C	0	2	-0.58	0.03	0.27
50183	D	0	0	0.00	0.00	0.00
50184	A	1	10	2.33	0.38	0.51
50184	B	0	7	0.83	0.18	0.88
50184	C	0	11	0.32	0.12	0.51
50184	D	0	6	-0.89	0.99	0.35
50185	A	1	27	1.84	0.41	1.23
50185	B	0	2	0.31	0.13	0.63
50185	C	0	1	0.03	0.00	0.47
50185	D	0	3	-0.09	0.30	0.46
50186	A	1	16	1.99	0.53	1.32
50186	B	0	7	1.22	1.14	5.04
50186	C	0	5	0.44	0.36	0.74
50186	D	0	6	0.15	0.24	0.47
50187	A	1	21	1.42	0.37	0.97
50187	B	0	5	0.43	0.35	0.91
50187	C	0	3	0.75	0.74	1.39
50187	D	0	1	0.38	0.00	0.64
50188	A	1	14	1.07	0.23	1.02
50188	B	0	2	1.57	1.03	3.33
50188	C	0	6	1.00	0.59	2.78
50188	D	0	7	-0.11	0.34	0.56
50189	A	1	24	1.34	0.18	0.77
50189	B	0	1	0.38	0.00	0.67
50189	C	0	6	-0.31	0.36	0.46
50189	D	0	8	0.44	0.33	0.96
50190	A	1	15	1.12	0.22	0.81
50190	B	0	0	0.00	0.00	0.00
50190	C	0	4	0.19	0.28	0.75
50190	D	0	4	-0.91	1.74	1.95
50191	A	1	30	1.25	0.28	0.89
50191	B	0	0	0.00	0.00	0.00
50191	C	0	5	0.00	0.44	0.83
50191	D	0	3	0.00	0.30	0.60
50192	A	1	25	1.18	0.24	0.98
50192	B	0	1	-0.55	0.00	0.33
50192	C	0	3	0.86	0.75	1.86
50192	D	0	1	-1.11	0.00	0.19
50193	A	1	19	1.70	0.27	1.28
50193	B	0	5	0.99	0.32	0.85
50193	C	0	1	8.02	0.00	17.32
50193	D	0	0	0.00	0.00	0.00
50194	A	1	37	1.20	0.15	0.88
50194	B	0	3	-0.21	0.16	0.42
50194	C	0	3	0.02	0.39	0.61
50194	D	0	3	-0.02	0.54	0.62

50195	A	1	20	1.72	0.43	0.81
50195	B	0	7	0.38	0.32	0.97
50195	C	0	0	0.00	0.00	0.00
50195	D	0	4	-0.87	0.36	0.25
50196	A	1	23	0.77	0.19	0.85
50196	B	0	2	0.76	0.20	1.65
50196	C	0	2	-1.23	0.35	0.23
50196	D	0	1	-0.90	0.00	0.31
50197	A	1	24	1.66	0.45	1.05
50197	B	0	2	-0.87	0.24	0.24
50197	C	0	9	0.21	0.24	0.83
50197	D	0	1	0.32	0.00	0.77
50198	A	1	21	1.60	0.51	1.14
50198	B	0	4	-0.06	0.20	0.60
50198	C	0	0	0.00	0.00	0.00
50198	D	0	0	0.00	0.00	0.00
50199	A	1	19	1.53	0.41	0.90
50199	B	0	15	0.26	0.29	0.96
50199	C	0	0	0.00	0.00	0.00
50199	D	0	2	0.29	0.43	0.67
50200	A	1	33	1.44	0.17	0.78
50200	B	0	3	-0.44	0.28	0.31
50200	C	0	1	-1.22	0.00	0.13
50200	D	0	1	0.65	0.00	0.87
50201	A	1	6	1.77	0.59	1.63
50201	B	0	5	0.49	0.79	1.49
50201	C	0	9	1.11	0.20	0.93
50201	D	0	10	0.74	0.32	0.90
50202	A	1	8	2.76	0.73	0.98
50202	B	0	6	1.23	0.60	1.25
50202	C	0	7	1.13	0.47	1.05
50202	D	0	11	0.81	0.29	0.65
50203	A	1	20	1.60	0.41	1.28
50203	B	0	11	0.28	0.23	0.67
50203	C	0	3	2.20	0.90	5.61
50203	D	0	10	0.62	0.23	0.85
50204	A	1	13	2.56	0.60	1.08
50204	B	0	4	-0.13	0.70	0.39
50204	C	0	13	0.93	0.27	0.85
50204	D	0	20	0.81	0.28	0.92
50205	A	1	7	1.32	0.31	1.07
50205	B	0	2	1.66	0.21	1.72
50205	C	0	12	0.58	0.24	0.76
50205	D	0	10	0.93	0.29	1.23
50206	A	1	13	2.41	0.51	0.65
50206	B	0	10	0.42	0.26	0.60
50206	C	0	7	0.47	0.38	0.64
50206	D	0	13	0.76	0.27	0.94
50207	A	1	5	2.36	1.41	1.24
50207	B	0	9	1.11	0.38	1.36
50207	C	0	4	0.75	0.44	0.81
50207	D	0	5	0.45	0.46	0.62
50208	A	1	17	1.80	0.43	0.92
50208	B	0	6	0.28	0.25	0.58

50208	C	0	4	0.86	0.30	1.00
50208	D	0	6	0.44	0.30	0.73
50209	A	1	7	0.85	0.32	1.70
50209	B	0	9	1.03	0.42	1.71
50209	C	0	5	1.25	0.41	1.60
50209	D	0	13	0.53	0.23	0.78
50210	A	1	9	1.14	0.39	1.32
50210	B	0	6	0.78	0.43	1.20
50210	C	0	5	-0.06	0.54	0.56
50210	D	0	9	0.81	0.44	1.90
50212	A	1	22	0.81	0.21	1.07
50212	B	0	0	0.00	0.00	0.00
50212	C	0	2	1.72	0.78	4.84
50212	D	0	1	-1.16	0.00	0.20
50213	A	1	32	0.80	0.20	1.08
50213	B	0	1	0.09	0.00	0.93
50213	C	0	0	0.00	0.00	0.00
50213	D	0	0	0.00	0.00	0.00
50214	A	1	33	1.18	0.27	1.08
50214	B	0	2	-0.18	0.55	0.54
50214	C	0	0	0.00	0.00	0.00
50214	D	0	3	0.24	0.11	0.72
50215	A	1	19	1.14	0.45	1.07
50215	B	0	0	0.00	0.00	0.00
50215	C	0	1	0.10	0.00	0.80
50215	D	0	0	0.00	0.00	0.00
50216	A	1	20	1.12	0.44	1.26
50216	B	0	3	0.35	0.52	1.32
50216	C	0	0	0.00	0.00	0.00
50216	D	0	0	0.00	0.00	0.00
50217	A	1	22	1.76	0.46	0.75
50217	B	0	0	0.00	0.00	0.00
50217	C	0	1	-0.64	0.00	0.30
50217	D	0	2	-0.81	0.77	0.32
50218	A	1	22	1.19	0.22	1.11
50218	B	0	1	1.24	0.00	1.50
50218	C	0	2	0.63	0.08	0.81
50218	D	0	1	0.37	0.00	0.63
50219	A	1	15	1.64	0.52	1.23
50219	B	0	7	0.48	0.54	1.30
50219	C	0	1	-0.89	0.00	0.17
50219	D	0	1	1.20	0.00	1.41
50220	A	1	21	1.02	0.20	0.78
50220	B	0	0	0.00	0.00	0.00
50220	C	0	2	-1.08	0.95	0.36
50220	D	0	1	-0.73	0.00	0.34
50221	A	1	25	1.15	0.35	1.54
50221	B	0	4	0.42	0.58	1.16
50221	C	0	5	0.69	0.61	2.10
50221	D	0	1	1.74	0.00	2.87
50222	A	1	17	1.16	0.23	0.86
50222	B	0	5	0.08	0.32	0.68
50222	C	0	3	0.60	0.15	0.95
50222	D	0	5	0.09	0.20	0.61

50223	A	1	25	1.58	0.39	0.99
50223	B	0	2	0.28	1.00	0.96
50223	C	0	1	0.46	0.00	0.75
50223	D	0	0	0.00	0.00	0.00
50224	A	1	30	1.30	0.17	0.79
50224	B	0	0	0.00	0.00	0.00
50224	C	0	1	-1.36	0.00	0.10
50224	D	0	0	0.00	0.00	0.00
50225	A	1	21	1.39	0.37	0.87
50225	B	0	5	0.15	0.18	0.62
50225	C	0	2	0.58	0.67	1.10
50225	D	0	8	0.19	0.29	0.80
50226	A	1	19	1.18	0.28	0.90
50226	B	0	2	-0.35	0.27	0.44
50226	C	0	2	-0.12	0.33	0.56
50226	D	0	3	-0.21	0.23	0.51
50227	A	1	32	1.34	0.29	0.96
50227	B	0	4	0.70	0.94	2.64
50227	C	0	5	-0.35	0.67	0.89
50227	D	0	2	0.28	0.63	0.91
50228	A	1	29	1.22	0.17	0.90
50228	B	0	0	0.00	0.00	0.00
50228	C	0	8	0.31	0.35	0.95
50228	D	0	2	-0.40	0.73	0.41
50229	A	1	10	1.43	0.28	0.78
50229	B	0	7	0.52	0.47	1.42
50229	C	0	1	0.35	0.00	0.59
50229	D	0	1	-0.64	0.00	0.22
50230	A	1	32	1.23	0.17	1.04
50230	B	0	3	0.41	1.13	2.27
50230	C	0	2	0.79	0.16	1.00
50230	D	0	2	0.47	0.43	0.78
50231	A	1	22	1.29	0.38	1.12
50231	B	0	2	0.91	0.54	1.34
50231	C	0	1	0.38	0.00	0.68
50231	D	0	3	0.39	0.29	0.75
50232	A	1	26	1.98	0.43	0.85
50232	B	0	4	0.44	0.86	1.68
50232	C	0	3	0.38	0.57	0.79
50232	D	0	0	0.00	0.00	0.00
50233	A	1	9	1.34	0.29	1.54
50233	B	0	28	1.11	0.15	1.10
50233	C	0	0	0.00	0.00	0.00
50233	D	0	6	0.83	0.48	1.01
50234	A	1	16	1.97	0.59	0.82
50234	B	0	6	1.24	0.43	2.28
50234	C	0	3	-0.93	0.48	0.21
50234	D	0	5	0.00	0.58	0.98
50235	A	1	24	1.26	0.37	1.06
50235	B	0	1	0.51	0.00	1.07
50235	C	0	0	0.00	0.00	0.00
50235	D	0	0	0.00	0.00	0.00
50236	A	1	28	0.86	0.18	0.86
50236	B	0	1	0.22	0.00	0.87

50236	C	0	2	-0.70	0.07	0.35
50236	D	0	5	-0.03	0.92	1.81
50237	A	1	21	1.11	0.21	1.04
50237	B	0	3	0.61	0.54	1.16
50237	C	0	3	-0.47	0.77	0.49
50237	D	0	4	2.31	1.42	2.62
50238	A	1	37	1.01	0.16	0.93
50238	B	0	3	-0.58	0.38	0.38
50238	C	0	0	0.00	0.00	0.00
50238	D	0	1	0.11	0.00	0.67
50239	A	1	27	1.53	0.42	0.95
50239	B	0	2	-0.59	0.99	0.64
50239	C	0	0	0.00	0.00	0.00
50239	D	0	0	0.00	0.00	0.00
50240	A	1	25	0.97	0.22	1.07
50240	B	0	0	0.00	0.00	0.00
50240	C	0	0	0.00	0.00	0.00
50240	D	0	1	1.07	0.00	1.86
50241	A	1	31	1.77	0.33	0.86
50241	B	0	5	0.12	0.36	0.69
50241	C	0	2	-0.56	0.84	0.35
50241	D	0	2	-0.15	0.06	0.38
50242	A	1	11	1.80	0.36	1.02
50242	B	0	3	1.47	0.34	1.53
50242	C	0	15	0.42	0.21	0.67
50242	D	0	5	0.35	0.69	0.85
50243	A	1	27	1.39	0.13	0.57
50243	B	0	1	-0.51	0.00	0.33
50243	C	0	4	-0.73	0.57	0.40
50243	D	0	4	-1.06	0.79	0.37
50244	A	1	32	1.41	0.32	1.20
50244	B	0	0	0.00	0.00	0.00
50244	C	0	0	0.00	0.00	0.00
50244	D	0	2	0.22	0.39	0.86
50245	A	1	19	0.93	0.21	0.66
50245	B	0	3	-0.83	0.06	0.39
50245	C	0	2	0.40	0.08	1.31
50245	D	0	4	-1.63	0.37	0.22
50246	A	1	17	0.75	0.17	1.03
50246	B	0	1	-1.00	0.00	0.22
50246	C	0	8	0.50	0.50	2.28
50246	D	0	4	0.40	0.35	1.04
50247	A	1	36	0.97	0.27	0.95
50247	B	0	2	0.99	0.32	2.20
50247	C	0	1	-1.92	0.00	0.11
50247	D	0	0	0.00	0.00	0.00
50248	A	1	33	1.27	0.28	1.14
50248	B	0	1	-0.58	0.00	0.34
50248	C	0	2	0.24	0.62	0.93
50248	D	0	0	0.00	0.00	0.00
50249	A	1	19	1.72	0.20	0.58
50249	B	0	1	0.00	0.00	0.41
50249	C	0	5	0.03	0.34	0.49
50249	D	0	2	-1.13	0.79	0.18

50250	A	1	17	1.71	0.50	1.09
50250	B	0	3	0.50	0.52	0.87
50250	C	0	7	0.60	0.27	0.92
50250	D	0	4	-0.03	0.38	0.48
50251	A	1	33	1.47	0.26	1.10
50251	B	0	2	0.39	0.56	0.72
50251	C	0	2	0.33	0.27	0.60
50251	D	0	0	0.00	0.00	0.00
50252	A	1	27	1.17	0.30	0.87
50252	B	0	5	-0.53	0.27	0.43
50252	C	0	0	0.00	0.00	0.00
50252	D	0	0	0.00	0.00	0.00
50253	A	1	30	1.08	0.30	1.12
50253	B	0	1	0.79	0.00	1.35
50253	C	0	1	-0.12	0.00	0.54
50253	D	0	1	0.65	0.00	1.17
50254	A	1	39	1.09	0.14	0.90
50254	B	0	1	0.79	0.00	1.17
50254	C	0	1	1.10	0.00	1.59
50254	D	0	1	-1.81	0.00	0.08
50255	A	1	34	1.22	0.17	0.98
50255	B	0	1	-0.19	0.00	0.38
50255	C	0	0	0.00	0.00	0.00
50255	D	0	0	0.00	0.00	0.00
50256	A	1	32	1.09	0.20	1.04
50256	B	0	1	2.28	0.00	5.00
50256	C	0	3	0.21	0.53	0.79
50256	D	0	0	0.00	0.00	0.00
50257	A	1	24	1.55	0.39	1.20
50257	B	0	1	2.19	0.00	4.23
50257	C	0	1	1.84	0.00	2.97
50257	D	0	0	0.00	0.00	0.00
50258	A	1	29	1.56	0.29	0.77
50258	B	0	3	-0.80	0.38	0.26
50258	C	0	0	0.00	0.00	0.00
50258	D	0	0	0.00	0.00	0.00
50259	A	1	40	1.05	0.19	0.95
50259	B	0	5	0.01	0.38	0.78
50259	C	0	3	0.38	0.76	1.28
50259	D	0	0	0.00	0.00	0.00
50260	A	1	23	1.25	0.35	0.81
50260	B	0	2	0.14	0.03	0.77
50260	C	0	2	-0.61	0.94	0.54
50260	D	0	2	-1.07	0.80	0.31
50261	A	1	41	1.08	0.20	0.93
50261	B	0	1	0.59	0.00	1.11
50261	C	0	1	-1.28	0.00	0.17
50261	D	0	1	-0.34	0.00	0.44
50262	A	1	22	1.04	0.26	1.23
50262	B	0	3	0.61	0.31	1.21
50262	C	0	2	0.00	1.63	1.58
50262	D	0	0	0.00	0.00	0.00
50263	A	1	37	1.00	0.16	0.94
50263	B	0	0	0.00	0.00	0.00

50263	C	0	1	-0.96	0.00	0.22
50263	D	0	2	0.06	0.61	0.75
50264	A	1	19	1.05	0.23	1.08
50264	B	0	2	0.21	0.43	0.68
50264	C	0	2	0.74	0.83	1.43
50264	D	0	2	0.42	0.48	0.85
50265	A	1	18	1.52	0.25	1.16
50265	B	0	2	-0.81	0.77	0.23
50265	C	0	7	0.61	0.45	1.21
50265	D	0	0	0.00	0.00	0.00
50266	A	1	33	1.31	0.31	1.12
50266	B	0	1	0.03	0.00	0.70
50266	C	0	4	-0.52	0.37	0.50
50266	D	0	1	-0.72	0.00	0.33
50267	A	1	24	1.67	0.30	1.06
50267	B	0	0	0.00	0.00	0.00
50267	C	0	1	0.00	0.00	0.42
50267	D	0	1	0.72	0.00	0.88
50268	A	1	33	1.21	0.19	0.89
50268	B	0	1	-1.09	0.00	0.17
50268	C	0	1	-0.15	0.00	0.46
50268	D	0	0	0.00	0.00	0.00
50269	A	1	30	1.05	0.17	1.16
50269	B	0	2	1.45	1.39	4.19
50269	C	0	2	0.92	0.56	1.38
50269	D	0	0	0.00	0.00	0.00
50270	A	1	30	1.25	0.20	0.95
50270	B	0	2	0.54	0.19	0.88
50270	C	0	4	0.12	0.39	0.71
50270	D	0	1	-1.14	0.00	0.16
50271	A	1	10	1.34	0.34	1.18
50271	B	0	5	-0.41	0.63	0.53
50271	C	0	17	0.71	0.25	1.16
50271	D	0	0	0.00	0.00	0.00
50272	A	1	25	0.94	0.19	0.92
50272	B	0	0	0.00	0.00	0.00
50272	C	0	3	-0.39	0.77	0.64
50272	D	0	1	0.87	0.00	1.48
50273	A	1	34	0.93	0.19	0.98
50273	B	0	0	0.00	0.00	0.00
50273	C	0	1	0.95	0.00	1.72
50273	D	0	2	-0.47	0.67	0.51
50274	A	1	26	1.79	0.29	0.80
50274	B	0	8	0.50	0.32	0.74
50274	C	0	0	0.00	0.00	0.00
50274	D	0	1	0.91	0.00	0.77
50275	A	1	27	1.06	0.25	1.29
50275	B	0	2	-0.30	0.26	0.47
50275	C	0	1	1.78	0.00	3.65
50275	D	0	2	0.62	0.92	1.67
50276	A	1	24	1.23	0.21	0.90
50276	B	0	1	-0.47	0.00	0.33
50276	C	0	5	-0.06	0.52	0.76
50276	D	0	0	0.00	0.00	0.00

50277	A	1	28	1.36	0.29	0.86
50277	B	0	2	0.31	0.32	0.85
50277	C	0	2	-1.36	0.72	0.19
50277	D	0	1	0.37	0.00	0.86
50278	A	1	37	0.92	0.13	0.91
50278	B	0	1	1.16	0.00	1.83
50278	C	0	2	-0.69	0.86	0.40
50278	D	0	0	0.00	0.00	0.00
50279	A	1	34	0.90	0.16	1.08
50279	B	0	3	0.47	0.55	1.27
50279	C	0	0	0.00	0.00	0.00
50279	D	0	0	0.00	0.00	0.00
50280	A	1	31	1.55	0.27	0.79
50280	B	0	2	-0.74	0.01	0.24
50280	C	0	3	-0.79	0.59	0.30
50280	D	0	1	0.78	0.00	1.10
50281	A	1	35	1.25	0.26	0.81
50281	B	0	1	-2.03	0.00	0.07
50281	C	0	1	0.36	0.00	0.88
50281	D	0	0	0.00	0.00	0.00
50282	A	1	24	1.32	0.32	1.38
50282	B	0	1	1.04	0.00	1.46
50282	C	0	1	0.46	0.00	0.82
50282	D	0	2	-0.02	0.31	0.53
50283	A	1	16	0.38	0.25	1.08
50283	B	0	2	0.70	0.29	1.94
50283	C	0	1	-0.76	0.00	0.43
50283	D	0	0	0.00	0.00	0.00
50284	A	1	24	1.16	0.20	0.84
50284	B	0	3	-0.58	0.36	0.36
50284	C	0	1	-0.01	0.00	0.56
50284	D	0	0	0.00	0.00	0.00
50285	A	1	35	1.16	0.18	0.78
50285	B	0	3	0.06	0.40	0.73
50285	C	0	2	-1.67	0.56	0.13
50285	D	0	1	-0.15	0.00	0.52
50286	A	1	29	1.27	0.18	0.76
50286	B	0	2	-1.01	0.28	0.20
50286	C	0	0	0.00	0.00	0.00
50286	D	0	1	-0.72	0.00	0.26
50287	A	1	23	1.03	0.16	0.78
50287	B	0	4	-0.59	0.32	0.38
50287	C	0	0	0.00	0.00	0.00
50287	D	0	2	0.09	0.35	0.69
50288	A	1	27	0.94	0.19	1.00
50288	B	0	1	-0.15	0.00	0.52
50288	C	0	0	0.00	0.00	0.00
50288	D	0	0	0.00	0.00	0.00
50289	A	1	12	3.44	0.69	0.93
50289	B	0	9	0.96	0.23	0.44
50289	C	0	2	2.87	0.56	2.37
50289	D	0	8	1.44	0.34	0.86
50290	A	1	17	1.68	0.50	1.26
50290	B	0	7	0.60	0.38	1.04

50290	C	0	1	0.51	0.00	0.64
50290	D	0	9	0.56	0.34	1.00
50291	A	1	12	1.05	0.31	1.39
50291	B	0	3	1.33	0.62	2.12
50291	C	0	4	0.69	0.26	0.83
50291	D	0	10	0.85	0.29	1.27
50292	A	1	9	1.21	0.29	1.13
50292	B	0	6	0.81	0.29	1.06
50292	C	0	4	0.40	0.44	0.74
50292	D	0	8	0.31	0.54	0.94
50293	A	1	9	2.29	0.71	0.59
50293	B	0	4	0.89	0.26	0.97
50293	C	0	3	0.11	0.59	0.53
50293	D	0	16	0.37	0.25	0.75
50294	A	1	15	1.68	0.27	1.28
50294	B	0	5	-0.01	0.61	0.40
50294	C	0	8	1.98	0.33	2.21
50294	D	0	14	0.85	0.44	1.10
50295	A	1	17	0.97	0.23	1.18
50295	B	0	5	0.63	0.40	1.22
50295	C	0	0	0.00	0.00	0.00
50295	D	0	1	0.53	0.00	0.84
50296	A	1	19	1.46	0.30	1.15
50296	B	0	10	0.51	0.29	1.00
50296	C	0	1	-0.83	0.00	0.18
50296	D	0	0	0.00	0.00	0.00
50297	A	1	25	1.12	0.17	0.89
50297	B	0	1	0.41	0.00	0.80
50297	C	0	10	0.12	0.34	0.92
50297	D	0	2	-0.54	0.99	0.48
50298	A	1	23	1.05	0.31	1.49
50298	B	0	11	0.74	0.24	1.44
50298	C	0	1	-0.86	0.00	0.22
50298	D	0	1	0.27	0.00	0.69
50299	A	1	25	1.36	0.35	1.08
50299	B	0	10	0.42	0.18	0.90
50299	C	0	0	0.00	0.00	0.00
50299	D	0	1	-0.89	0.00	0.21
50300	A	1	16	1.40	0.28	1.34
50300	B	0	3	1.17	0.09	1.13
50300	C	0	8	0.84	0.31	1.10
50300	D	0	2	-0.24	0.11	0.28
50301	A	1	24	1.04	0.18	1.04
50301	B	0	7	0.41	0.28	0.91
50301	C	0	0	0.00	0.00	0.00
50301	D	0	1	0.01	0.00	0.50
50302	A	1	31	1.19	0.19	0.81
50302	B	0	2	1.10	0.82	2.51
50302	C	0	3	-1.18	0.14	0.19
50302	D	0	1	-1.16	0.00	0.19
50303	A	1	29	1.63	0.28	0.79
50303	B	0	0	0.00	0.00	0.00
50303	C	0	6	-0.35	0.32	0.44
50303	D	0	1	-0.25	0.00	0.38

50304	A	1	34	1.57	0.37	0.91
50304	B	0	2	-0.19	0.52	0.58
50304	C	0	5	-0.22	0.21	0.53
50304	D	0	2	-0.74	0.27	0.30
50305	A	1	34	1.25	0.17	0.86
50305	B	0	4	0.03	0.10	0.53
50305	C	0	1	-1.08	0.00	0.17
50305	D	0	1	-0.43	0.00	0.33
50306	A	1	28	1.45	0.24	1.16
50306	B	0	4	0.97	0.53	1.95
50306	C	0	4	-0.54	0.45	0.35
50306	D	0	2	-0.25	0.01	0.37
50307	A	1	29	1.19	0.32	1.05
50307	B	0	2	-0.03	0.57	0.72
50307	C	0	4	-0.50	0.53	0.56
50307	D	0	2	1.23	0.09	2.16
50308	A	1	22	1.56	0.38	1.07
50308	B	0	0	0.00	0.00	0.00
50308	C	0	6	0.30	0.68	1.96
50308	D	0	4	-0.02	0.30	0.53
50309	A	1	29	1.28	0.27	0.97
50309	B	0	3	0.45	0.48	0.87
50309	C	0	2	0.31	0.14	0.63
50309	D	0	2	0.35	0.86	0.90
50310	A	1	26	1.29	0.14	0.73
50310	B	0	0	0.00	0.00	0.00
50310	C	0	1	-1.54	0.00	0.10
50310	D	0	5	0.05	0.51	0.82
50311	A	1	26	1.41	0.27	1.07
50311	B	0	3	-0.22	0.84	0.72
50311	C	0	7	0.01	0.28	0.73
50311	D	0	2	-0.33	0.37	0.42
50312	A	1	17	1.51	0.19	0.87
50312	B	0	7	0.79	0.46	1.20
50312	C	0	2	0.99	0.19	0.88
50312	D	0	2	0.59	0.13	0.58
50313	A	1	5	1.47	0.55	1.41
50313	B	0	11	0.96	0.39	1.44
50313	C	0	13	0.86	0.21	0.87
50313	D	0	3	0.12	0.08	0.33
50314	A	1	19	1.45	0.45	0.96
50314	B	0	7	0.62	0.46	1.70
50314	C	0	1	1.83	0.00	3.27
50314	D	0	4	-0.74	0.21	0.27
50315	A	1	22	1.43	0.16	0.79
50315	B	0	8	0.38	0.24	0.71
50315	C	0	1	-0.34	0.00	0.28
50315	D	0	2	0.16	0.87	0.66
50316	A	1	20	1.62	0.35	0.73
50316	B	0	4	0.14	0.34	0.60
50316	C	0	2	-0.42	1.21	0.52
50316	D	0	1	-0.06	0.00	0.41
50317	A	1	19	1.30	0.25	0.96
50317	B	0	12	0.40	0.32	1.41

50317	C	0	4	0.35	0.48	0.94
50317	D	0	3	-0.59	0.53	0.36
50318	A	1	15	1.85	0.47	0.75
50318	B	0	8	0.21	0.24	0.59
50318	C	0	0	0.00	0.00	0.00
50318	D	0	0	0.00	0.00	0.00
50319	A	1	23	1.18	0.23	1.07
50319	B	0	9	0.24	0.30	0.83
50319	C	0	3	0.80	0.17	1.11
50319	D	0	2	-0.16	0.05	0.41
50320	A	1	26	1.40	0.38	1.47
50320	B	0	3	0.71	0.37	1.27
50320	C	0	10	0.30	0.36	1.27
50320	D	0	5	-1.03	0.63	0.40
50321	A	1	23	1.15	0.25	1.52
50321	B	0	9	0.87	0.24	1.27
50321	C	0	3	0.05	0.33	0.49
50321	D	0	2	1.66	1.75	5.35
50322	A	1	18	1.70	0.39	0.70
50322	B	0	4	-0.17	0.21	0.40
50322	C	0	6	0.10	0.21	0.54
50322	D	0	5	0.60	0.45	1.31
50323	A	1	10	1.80	0.73	0.82
50323	B	0	4	0.34	0.21	0.69
50323	C	0	9	0.58	0.39	1.19
50323	D	0	4	-0.50	0.36	0.34
50324	A	1	14	3.08	0.50	0.64
50324	B	0	3	0.70	0.31	0.41
50324	C	0	8	0.87	0.30	0.59
50324	D	0	6	1.02	0.21	0.57
50325	A	1	17	1.50	0.51	1.37
50325	B	0	9	0.38	0.35	1.06
50325	C	0	3	0.44	0.25	0.77
50325	D	0	4	0.46	0.26	0.80
50326	A	1	17	1.58	0.27	1.08
50326	B	0	10	0.63	0.31	0.92
50326	C	0	5	1.08	0.47	1.31
50326	D	0	3	0.19	0.17	0.41
50327	A	1	20	2.01	0.53	1.01
50327	B	0	5	0.63	0.41	1.12
50327	C	0	7	0.18	0.22	0.57
50327	D	0	7	0.38	0.28	0.78
50328	A	1	18	1.70	0.46	0.86
50328	B	0	4	-0.28	0.21	0.39
50328	C	0	3	1.30	0.77	2.70
50328	D	0	6	-0.30	0.28	0.45
50329	A	1	21	1.22	0.17	0.82
50329	B	0	5	-0.16	0.49	0.65
50329	C	0	1	1.21	0.00	1.56
50329	D	0	4	0.37	0.49	0.86
50330	A	1	13	1.84	0.38	0.71
50330	B	0	10	1.34	0.79	3.35
50330	C	0	6	-0.07	0.36	0.42
50330	D	0	4	0.24	0.30	0.52

50331	A	1	13	1.21	0.30	1.00
50331	B	0	4	0.26	0.44	0.84
50331	C	0	3	0.63	0.49	1.13
50331	D	0	11	0.14	0.25	0.71
50332	A	1	18	0.95	0.19	0.82
50332	B	0	2	-0.11	0.47	0.67
50332	C	0	3	-0.76	0.56	0.38
50332	D	0	6	0.18	0.45	1.41
50333	A	1	17	1.12	0.21	0.96
50333	B	0	4	0.31	0.37	0.79
50333	C	0	4	0.87	0.33	1.27
50333	D	0	5	0.24	0.50	0.90
50334	A	1	22	1.49	0.18	0.84
50334	B	0	8	0.48	0.40	0.87
50334	C	0	2	0.30	0.29	0.52
50334	D	0	5	0.50	0.37	0.77
50335	A	1	19	1.41	0.24	1.09
50335	B	0	1	0.65	0.00	0.72
50335	C	0	1	1.78	0.00	2.21
50335	D	0	7	0.45	0.52	1.10
50336	A	1	19	1.72	0.20	0.81
50336	B	0	4	0.59	0.41	0.71
50336	C	0	5	1.37	0.61	2.16
50336	D	0	7	0.37	0.19	0.48
50337	A	1	13	1.75	0.21	0.62
50337	B	0	6	0.73	0.45	1.21
50337	C	0	7	0.28	0.19	0.51
50337	D	0	7	0.68	0.17	0.74
50338	A	1	17	1.80	0.43	0.91
50338	B	0	3	0.46	0.43	0.71
50338	C	0	4	0.60	0.48	0.96
50338	D	0	6	0.15	0.33	0.57
50339	A	1	17	1.62	0.17	0.65
50339	B	0	5	-0.03	0.41	0.55
50339	C	0	5	0.55	0.31	0.78
50339	D	0	4	0.45	0.28	0.65
50340	A	1	19	2.30	0.46	0.66
50340	B	0	4	0.23	0.42	0.52
50340	C	0	5	0.03	0.71	0.79
50340	D	0	5	0.51	0.14	0.56
50341	A	1	29	1.11	0.19	1.00
50341	B	0	3	0.88	0.69	1.99
50341	C	0	5	0.47	0.46	1.15
50341	D	0	2	-0.77	0.36	0.25
50342	A	1	24	1.17	0.21	1.03
50342	B	0	0	0.00	0.00	0.00
50342	C	0	5	0.29	0.25	0.73
50342	D	0	0	0.00	0.00	0.00
50343	A	1	14	2.34	0.50	0.58
50343	B	0	4	0.64	0.56	1.02
50343	C	0	5	0.60	0.24	0.79
50343	D	0	9	-0.63	0.30	0.28
50344	A	1	26	1.31	0.31	0.88
50344	B	0	3	-0.23	0.34	0.61

50344	C	0	0	0.00	0.00	0.00
50344	D	0	5	-0.54	0.26	0.46
50345	A	1	15	1.20	0.53	1.00
50345	B	0	2	0.17	0.35	0.88
50345	C	0	3	0.46	0.23	1.16
50345	D	0	2	-0.81	0.25	0.32
50346	A	1	34	0.89	0.17	1.19
50346	B	0	3	0.41	0.27	0.99
50346	C	0	3	0.31	0.69	1.28
50346	D	0	1	-0.41	0.00	0.40
50347	A	1	32	1.43	0.25	0.87
50347	B	0	2	-0.81	0.73	0.29
50347	C	0	2	-0.61	0.71	0.35
50347	D	0	1	0.80	0.00	1.13
50348	A	1	16	1.10	0.28	1.42
50348	B	0	11	0.36	0.23	0.75
50348	C	0	6	1.32	0.49	3.12
50348	D	0	8	0.36	0.45	1.05
50349	A	1	22	1.67	0.38	0.86
50349	B	0	2	1.05	0.41	1.52
50349	C	0	0	0.00	0.00	0.00
50349	D	0	4	-0.71	0.44	0.31
50350	A	1	27	1.22	0.22	0.93
50350	B	0	1	0.46	0.00	0.89
50350	C	0	1	-1.02	0.00	0.20
50350	D	0	1	-0.37	0.00	0.39
50351	A	1	19	1.53	0.40	1.14
50351	B	0	11	0.58	0.26	1.08
50351	C	0	8	0.85	0.46	1.54
50351	D	0	2	-0.34	1.19	0.49
50352	A	1	24	1.28	0.25	1.11
50352	B	0	10	0.47	0.24	0.97
50352	C	0	10	0.22	0.38	0.95
50352	D	0	3	-0.54	0.46	0.35
50353	A	1	19	1.42	0.30	1.03
50353	B	0	6	-0.12	0.15	0.47
50353	C	0	5	0.21	0.32	0.73
50353	D	0	1	0.54	0.00	0.86
50354	A	1	16	1.45	0.30	1.10
50354	B	0	8	0.63	0.41	1.20
50354	C	0	6	0.44	0.62	1.09
50354	D	0	2	0.00	0.57	0.46
50355	A	1	23	1.35	0.20	0.99
50355	B	0	3	0.40	0.75	0.91
50355	C	0	9	0.47	0.34	1.13
50355	D	0	1	0.53	0.00	0.70
50356	A	1	19	1.10	0.19	1.19
50356	B	0	3	1.60	0.72	3.38
50356	C	0	3	0.51	0.86	1.20
50356	D	0	6	0.24	0.40	0.69
50357	A	1	26	1.49	0.31	1.16
50357	B	0	4	0.40	0.25	0.69
50357	C	0	1	-0.20	0.00	0.35
50357	D	0	3	0.60	0.18	0.79

50358	A	1	24	1.84	0.42	0.88
50358	B	0	0	0.00	0.00	0.00
50358	C	0	9	0.44	0.27	0.85
50358	D	0	3	-0.54	0.77	0.43
50359	A	1	21	1.69	0.48	1.24
50359	B	0	14	0.85	0.17	1.11
50359	C	0	2	0.62	0.59	0.84
50359	D	0	3	0.54	0.34	0.74
50360	A	1	16	1.07	0.25	1.30
50360	B	0	11	0.89	0.29	1.39
50360	C	0	2	0.48	0.69	0.82
50360	D	0	2	0.09	0.65	0.54
50361	A	1	48	0.98	0.14	0.88
50361	B	0	3	-0.92	0.30	0.29
50361	C	0	0	0.00	0.00	0.00
50361	D	0	0	0.00	0.00	0.00
50362	A	1	31	1.69	0.35	0.91
50362	B	0	0	0.00	0.00	0.00
50362	C	0	4	-0.12	0.56	0.66
50362	D	0	0	0.00	0.00	0.00
50363	A	1	1588	1.21	0.04	0.96
50363	B	0	79	-0.01	0.10	0.88
50363	C	0	70	-0.12	0.11	0.86
50363	D	0	33	-0.79	0.23	0.47
50364	A	1	25	1.34	0.34	1.06
50364	B	0	1	0.35	0.00	0.73
50364	C	0	1	0.37	0.00	0.74
50364	D	0	0	0.00	0.00	0.00
50365	A	1	6	1.76	0.60	1.90
50365	B	0	24	1.24	0.23	1.25
50365	C	0	2	-0.94	0.37	0.09
50365	D	0	1	0.37	0.00	0.30
50366	A	1	29	1.17	0.26	1.07
50366	B	0	1	-0.13	0.00	0.53
50366	C	0	0	0.00	0.00	0.00
50366	D	0	1	0.49	0.00	1.01
50367	A	1	27	1.31	0.22	1.11
50367	B	0	1	1.67	0.00	2.19
50367	C	0	1	1.37	0.00	1.63
50367	D	0	1	0.20	0.00	0.50
50368	A	1	17	1.27	0.29	0.84
50368	B	0	5	-0.23	0.57	0.78
50368	C	0	1	-0.50	0.00	0.35
50368	D	0	2	0.08	0.80	0.84
50369	A	1	15	1.11	0.30	1.35
50369	B	0	2	-0.28	0.89	0.47
50369	C	0	14	0.49	0.23	1.00
50369	D	0	4	1.02	0.23	1.30
50370	A	1	7	3.23	0.91	0.58
50370	B	0	4	-0.04	0.54	0.30
50370	C	0	23	1.20	0.17	0.89
50370	D	0	6	0.76	0.56	0.70
50371	A	1	16	1.11	0.22	0.83
50371	B	0	8	0.38	0.28	0.98

50371	C	0	3	0.02	0.31	0.60
50371	D	0	4	-0.28	0.31	0.47
50372	A	1	5	1.24	0.54	1.75
50372	B	0	17	1.07	0.39	1.12
50372	C	0	0	0.00	0.00	0.00
50372	D	0	1	0.12	0.00	0.37
50373	A	1	29	1.28	0.20	0.97
50373	B	0	2	0.32	0.14	0.65
50373	C	0	8	0.59	0.36	1.16
50373	D	0	4	-0.42	0.57	0.47
50374	A	1	15	2.04	0.50	0.94
50374	B	0	4	0.93	0.95	2.21
50374	C	0	8	0.94	0.26	0.94
50374	D	0	6	-0.07	0.44	0.46
50375	A	1	15	1.31	0.50	1.36
50375	B	0	6	1.00	0.44	1.69
50375	C	0	4	0.77	0.98	2.51
50375	D	0	2	0.73	0.08	0.85
50376	A	1	8	2.81	0.59	0.46
50376	B	0	13	1.12	0.26	1.15
50376	C	0	19	0.55	0.20	0.62
50376	D	0	3	0.68	0.93	0.87
50377	A	1	15	1.21	0.46	1.77
50377	B	0	4	1.05	0.99	4.86
50377	C	0	14	0.58	0.27	1.28
50377	D	0	1	0.30	0.00	0.62
50378	A	1	9	1.72	0.33	0.70
50378	B	0	9	0.41	0.27	0.77
50378	C	0	1	-1.54	0.00	0.08
50378	D	0	3	0.84	0.07	0.86
50379	A	1	6	1.73	0.46	0.61
50379	B	0	5	0.25	0.38	0.78
50379	C	0	4	-0.31	0.38	0.42
50379	D	0	8	0.51	0.22	0.87
50380	A	1	17	1.31	0.28	1.26
50380	B	0	1	1.10	0.00	1.10
50380	C	0	10	0.69	0.22	0.89
50380	D	0	5	0.88	0.13	0.91
50381	A	1	18	1.60	0.45	0.99
50381	B	0	15	0.62	0.27	1.32
50381	C	0	2	-0.28	0.44	0.34
50381	D	0	0	0.00	0.00	0.00
50382	A	1	17	2.43	0.68	1.16
50382	B	0	9	0.90	0.28	1.13
50382	C	0	1	-1.17	0.00	0.10
50382	D	0	1	0.28	0.00	0.44
50383	A	1	19	2.16	0.41	0.87
50383	B	0	12	0.53	0.21	0.63
50383	C	0	0	0.00	0.00	0.00
50383	D	0	0	0.00	0.00	0.00
50384	A	1	24	1.43	0.23	0.94
50384	B	0	6	0.07	0.55	0.95
50384	C	0	2	0.21	0.20	0.57
50384	D	0	0	0.00	0.00	0.00

50385	A	1	19	1.40	0.46	1.07
50385	B	0	3	0.62	0.40	1.30
50385	C	0	2	0.53	0.07	1.04
50385	D	0	7	-0.84	0.58	0.56
50386	A	1	14	1.04	0.28	0.88
50386	B	0	4	-0.05	0.54	0.86
50386	C	0	3	0.44	0.64	1.46
50386	D	0	2	-1.30	1.95	0.60
50387	A	1	35	1.09	0.19	1.00
50387	B	0	0	0.00	0.00	0.00
50387	C	0	4	0.17	0.37	0.78
50387	D	0	2	0.29	0.31	0.75
50388	A	1	31	1.19	0.18	0.88
50388	B	0	1	-0.45	0.00	0.33
50388	C	0	0	0.00	0.00	0.00
50388	D	0	2	-0.46	0.42	0.36
50389	A	1	33	1.43	0.15	0.88
50389	B	0	1	1.86	0.00	2.39
50389	C	0	2	-0.57	0.19	0.21
50389	D	0	0	0.00	0.00	0.00
50390	A	1	29	0.93	0.20	1.03
50390	B	0	1	0.52	0.00	1.10
50390	C	0	0	0.00	0.00	0.00
50390	D	0	2	-0.24	0.65	0.62
50391	A	1	28	1.46	0.32	0.80
50391	B	0	1	0.07	0.00	0.59
50391	C	0	0	0.00	0.00	0.00
50391	D	0	4	-0.57	0.55	0.42
50392	A	1	22	1.84	0.45	1.03
50392	B	0	0	0.00	0.00	0.00
50392	C	0	2	0.66	1.17	1.36
50392	D	0	1	0.50	0.00	0.65
50393	A	1	23	1.25	0.20	0.83
50393	B	0	2	1.15	0.92	2.15
50393	C	0	1	0.27	0.00	0.64
50393	D	0	1	-2.23	0.00	0.05
50394	A	1	19	0.50	0.26	1.17
50394	B	0	2	0.31	0.51	1.30
50394	C	0	3	0.06	0.37	1.03
50394	D	0	1	-0.37	0.00	0.59
50395	A	1	20	1.59	0.37	0.71
50395	B	0	2	-0.36	0.36	0.38
50395	C	0	7	0.00	0.26	0.61
50395	D	0	3	-0.32	0.69	0.60
50396	A	1	23	1.67	0.29	0.75
50396	B	0	6	-0.42	0.37	0.42
50396	C	0	1	-0.35	0.00	0.34
50396	D	0	0	0.00	0.00	0.00
50397	A	1	15	1.43	0.50	0.71
50397	B	0	2	-0.71	0.29	0.34
50397	C	0	2	-0.37	0.91	0.67
50397	D	0	2	-0.48	0.12	0.42
50398	A	1	29	1.18	0.19	0.96
50398	B	0	5	0.73	0.54	1.81

50398	C	0	2	-0.43	0.12	0.32
50398	D	0	1	0.05	0.00	0.51
50399	A	1	32	1.00	0.20	1.05
50399	B	0	0	0.00	0.00	0.00
50399	C	0	0	0.00	0.00	0.00
50399	D	0	1	-0.58	0.00	0.39
50400	A	1	16	1.52	0.26	1.00
50400	B	0	3	0.17	0.09	0.47
50400	C	0	10	0.58	0.40	1.19
50400	D	0	2	-1.00	0.14	0.15
50401	A	1	31	1.60	0.40	1.15
50401	B	0	8	0.75	0.28	1.32
50401	C	0	2	-0.46	1.17	0.53
50401	D	0	0	0.00	0.00	0.00
50402	A	1	29	0.82	0.24	1.30
50402	B	0	2	1.34	0.13	2.81
50402	C	0	1	2.73	0.00	10.94
50402	D	0	1	-1.09	0.00	0.25
50403	A	1	16	1.05	0.20	1.02
50403	B	0	8	0.81	0.19	1.25
50403	C	0	13	0.11	0.19	0.69
50403	D	0	2	0.70	0.37	1.05
50404	A	1	23	1.50	0.32	1.27
50404	B	0	0	0.00	0.00	0.00
50404	C	0	11	0.49	0.27	0.89
50404	D	0	1	3.65	0.00	12.46
50405	A	1	21	1.65	0.48	1.22
50405	B	0	3	-0.03	0.45	0.53
50405	C	0	10	0.82	0.21	1.15
50405	D	0	2	-0.15	0.57	0.42
50406	A	1	33	0.84	0.29	1.24
50406	B	0	1	-1.11	0.00	0.27
50406	C	0	3	0.62	0.40	1.82
50406	D	0	1	-0.71	0.00	0.41
50407	A	1	22	1.56	0.20	0.88
50407	B	0	5	0.66	0.86	2.50
50407	C	0	0	0.00	0.00	0.00
50407	D	0	0	0.00	0.00	0.00
50408	A	1	16	1.59	0.24	0.84
50408	B	0	3	0.79	0.41	0.91
50408	C	0	6	0.31	0.25	0.59
50408	D	0	1	0.70	0.00	0.72
50409	A	1	20	1.79	0.40	0.92
50409	B	0	8	0.81	0.39	1.30
50409	C	0	3	0.73	0.03	0.74
50409	D	0	3	-0.08	0.21	0.34
50410	A	1	14	1.75	0.29	1.32
50410	B	0	7	1.06	0.15	0.84
50410	C	0	6	1.07	0.32	0.97
50410	D	0	4	0.21	0.34	0.39
50411	A	1	15	1.29	0.55	1.30
50411	B	0	2	-0.64	1.20	0.49
50411	C	0	4	0.51	0.36	1.02
50411	D	0	2	2.15	0.12	4.40

50412	A	1	16	1.78	0.49	0.81
50412	B	0	5	0.65	0.50	1.13
50412	C	0	11	0.06	0.21	0.50
50412	D	0	4	1.13	0.45	1.58
50413	A	1	11	1.58	0.73	1.39
50413	B	0	5	0.83	0.42	1.36
50413	C	0	4	0.78	0.30	1.04
50413	D	0	4	0.29	0.47	0.77
50414	A	1	33	1.08	0.21	0.63
50414	B	0	1	0.10	0.00	1.05
50414	C	0	0	0.00	0.00	0.00
50414	D	0	1	-5.72	0.00	0.02
50416	A	1	15	1.47	0.51	0.93
50416	B	0	13	0.66	0.33	1.59
50416	C	0	0	0.00	0.00	0.00
50416	D	0	5	-0.69	0.65	0.52
50417	A	1	28	0.96	0.21	1.28
50417	B	0	1	0.84	0.00	1.23
50417	C	0	3	1.57	0.07	2.56
50417	D	0	3	-0.10	0.58	0.69
50418	A	1	20	1.25	0.43	1.54
50418	B	0	1	1.67	0.00	2.51
50418	C	0	2	0.34	0.49	0.75
50418	D	0	5	0.78	0.13	1.07
50419	A	1	17	1.35	0.46	1.23
50419	B	0	0	0.00	0.00	0.00
50419	C	0	3	0.91	0.23	1.03
50419	D	0	3	1.22	0.39	1.57
50421	A	1	21	1.67	0.45	1.19
50421	B	0	1	0.07	0.00	0.44
50421	C	0	1	0.91	0.00	1.01
50421	D	0	7	1.50	1.12	4.33
50422	A	1	25	1.54	0.49	1.03
50422	B	0	0	0.00	0.00	0.00
50422	C	0	2	-0.34	0.07	0.44
50422	D	0	7	0.16	0.29	0.91
50423	A	1	21	1.40	0.32	1.07
50423	B	0	2	0.34	0.64	0.72
50423	C	0	0	0.00	0.00	0.00
50423	D	0	6	0.76	0.43	1.37
50424	A	1	24	1.76	0.46	1.22
50424	B	0	0	0.00	0.00	0.00
50424	C	0	1	-0.35	0.00	0.40
50424	D	0	5	-0.11	0.62	0.98
50425	A	1	18	2.20	0.41	0.77
50425	B	0	1	-0.76	0.00	0.14
50425	C	0	9	0.62	0.28	0.73
50425	D	0	4	0.12	0.88	0.79
50426	A	1	18	1.06	0.24	1.30
50426	B	0	3	1.68	0.46	2.63
50426	C	0	4	1.30	0.15	1.57
50426	D	0	5	-0.05	0.33	0.47
50427	A	1	14	2.52	0.47	0.71
50427	B	0	15	1.07	0.24	0.91

50427	C	0	1	0.82	0.00	0.49
50427	D	0	7	0.87	0.14	0.55
50428	A	1	23	1.60	0.21	0.77
50428	B	0	9	0.03	0.30	0.60
50428	C	0	1	-1.82	0.00	0.07
50428	D	0	6	0.54	0.37	0.99
50429	A	1	13	1.84	0.46	0.88
50429	B	0	12	0.79	0.14	0.85
50429	C	0	3	1.24	1.26	3.16
50429	D	0	5	-0.11	0.25	0.36
50430	A	1	11	2.63	0.64	0.59
50430	B	0	11	0.64	0.30	0.87
50430	C	0	1	-0.19	0.00	0.24
50430	D	0	4	-0.03	0.20	0.30
50431	A	1	16	1.43	0.23	0.81
50431	B	0	20	0.37	0.27	1.09
50431	C	0	1	0.79	0.00	0.87
50431	D	0	5	0.30	0.83	1.56
50432	A	1	16	1.21	0.61	3.33
50432	B	0	7	0.47	0.23	0.93
50432	C	0	3	0.79	0.46	1.42
50432	D	0	3	0.26	0.90	1.52
50433	A	1	33	0.59	0.21	1.16
50433	B	0	1	0.20	0.00	1.14
50433	C	0	0	0.00	0.00	0.00
50433	D	0	2	0.21	0.70	1.45
50435	A	1	21	1.08	0.26	1.09
50435	B	0	1	-1.08	0.00	0.26
50435	C	0	3	-0.56	0.49	0.52
50435	D	0	2	-0.74	0.09	0.36
50436	A	1	31	1.11	0.30	1.23
50436	B	0	4	0.74	0.38	1.41
50436	C	0	1	0.41	0.00	0.83
50436	D	0	1	2.32	0.00	5.35
50437	A	1	30	0.90	0.17	0.84
50437	B	0	3	-0.78	0.74	0.50
50437	C	0	3	-0.19	0.81	0.96
50437	D	0	1	-0.71	0.00	0.36
50438	A	1	27	1.47	0.32	1.35
50438	B	0	7	0.29	0.49	1.19
50438	C	0	3	0.59	0.45	1.02
50438	D	0	2	0.11	0.67	0.63
50439	A	1	13	1.74	0.57	1.30
50439	B	0	6	2.49	1.22	5.13
50439	C	0	2	0.87	1.27	1.27
50439	D	0	13	0.77	0.33	1.16
50440	A	1	3	0.60	0.61	2.31
50440	B	0	7	-0.07	0.21	0.37
50440	C	0	1	0.16	0.00	0.41
50440	D	0	13	1.13	0.31	1.65
50441	A	1	5	1.89	0.85	1.97
50441	B	0	8	0.88	0.26	0.63
50441	C	0	9	1.55	0.46	1.78
50441	D	0	10	0.56	0.40	0.65

50442	A	1	6	1.81	0.59	1.27
50442	B	0	10	0.49	0.33	0.67
50442	C	0	6	1.12	0.54	1.72
50442	D	0	6	1.05	0.32	0.92
50443	A	1	7	0.34	0.29	3.06
50443	B	0	5	1.96	1.68	4.00
50443	C	0	12	1.10	0.35	1.55
50443	D	0	11	1.20	0.74	2.42
50444	A	1	10	1.25	0.38	1.26
50444	B	0	3	0.90	0.29	1.00
50444	C	0	9	0.78	0.25	1.12
50444	D	0	8	0.51	0.42	1.01
50445	A	1	16	1.20	0.49	1.36
50445	B	0	11	0.91	0.30	1.75
50445	C	0	6	0.24	0.38	0.78
50445	D	0	5	0.78	0.34	1.13
50446	A	1	10	1.85	0.77	1.12
50446	B	0	2	1.24	0.18	1.49
50446	C	0	9	0.30	0.19	0.65
50446	D	0	2	0.22	0.10	0.53
50447	A	1	16	1.12	0.32	2.08
50447	B	0	9	0.76	0.40	1.15
50447	C	0	12	1.20	0.23	1.51
50447	D	0	5	-0.09	0.88	0.91
50448	A	1	17	0.94	0.22	1.03
50448	B	0	5	0.06	0.41	0.84
50448	C	0	2	-0.13	0.16	0.50
50448	D	0	2	1.04	0.38	1.70
50449	A	1	9	1.90	0.44	1.28
50449	B	0	12	1.27	0.33	1.59
50449	C	0	4	0.28	0.28	0.40
50449	D	0	5	-0.26	0.42	0.29
50450	A	1	14	1.14	0.22	0.85
50450	B	0	8	0.42	0.28	0.97
50450	C	0	6	0.16	0.33	0.76
50450	D	0	6	0.35	0.31	0.83
50451	A	1	27	1.30	0.30	0.81
50451	B	0	3	-0.79	0.44	0.33
50451	C	0	0	0.00	0.00	0.00
50451	D	0	2	-0.22	0.39	0.52
50452	A	1	39	1.36	0.24	1.04
50452	B	0	0	0.00	0.00	0.00
50452	C	0	2	0.74	0.22	1.01
50452	D	0	0	0.00	0.00	0.00
50453	A	1	24	1.48	0.20	0.70
50453	B	0	8	-0.05	0.38	0.67
50453	C	0	0	0.00	0.00	0.00
50453	D	0	2	-0.39	0.32	0.33
50454	A	1	38	0.87	0.27	1.01
50454	B	0	2	-0.91	1.01	0.51
50454	C	0	0	0.00	0.00	0.00
50454	D	0	2	1.39	0.17	3.34
50455	A	1	33	1.36	0.30	1.11
50455	B	0	1	0.89	0.00	1.27

50455	C	0	3	0.72	0.69	1.65
50455	D	0	0	0.00	0.00	0.00
50456	A	1	22	1.17	0.21	1.11
50456	B	0	1	-0.32	0.00	0.32
50456	C	0	2	1.35	0.81	2.31
50456	D	0	3	0.58	0.61	1.11
50457	A	1	26	1.03	0.25	0.77
50457	B	0	5	-0.89	0.96	3.00
50457	C	0	0	0.00	0.00	0.00
50457	D	0	0	0.00	0.00	0.00
50458	A	1	38	1.49	0.29	0.81
50458	B	0	2	-0.25	0.89	0.63
50458	C	0	0	0.00	0.00	0.00
50458	D	0	1	-1.82	0.00	0.09
50459	A	1	28	1.34	0.22	1.16
50459	B	0	2	1.47	0.16	1.70
50459	C	0	0	0.00	0.00	0.00
50459	D	0	4	0.84	0.41	1.08
50460	A	1	25	1.01	0.34	1.36
50460	B	0	0	0.00	0.00	0.00
50460	C	0	6	1.48	0.26	2.54
50460	D	0	5	0.31	0.43	0.86
50461	A	1	26	1.56	0.29	1.13
50461	B	0	12	0.73	0.21	0.98
50461	C	0	0	0.00	0.00	0.00
50461	D	0	0	0.00	0.00	0.00
50462	A	1	21	1.13	0.15	0.83
50462	B	0	7	0.37	0.41	1.11
50462	C	0	3	-0.17	0.75	0.71
50462	D	0	0	0.00	0.00	0.00
50463	A	1	26	0.75	0.20	1.04
50463	B	0	3	-0.28	0.43	0.71
50463	C	0	6	-0.21	0.36	0.93
50463	D	0	1	-0.59	0.00	0.43
50464	A	1	22	1.45	0.39	1.33
50464	B	0	3	0.62	0.74	1.29
50464	C	0	3	0.63	0.58	1.18
50464	D	0	5	0.53	0.55	1.18
50465	A	1	29	1.48	0.30	1.00
50465	B	0	3	-0.01	0.41	0.56
50465	C	0	0	0.00	0.00	0.00
50465	D	0	0	0.00	0.00	0.00
50466	A	1	15	1.47	0.28	0.68
50466	B	0	2	-0.87	0.41	0.24
50466	C	0	0	0.00	0.00	0.00
50466	D	0	3	-0.11	0.64	0.73
50467	A	1	17	1.12	0.33	1.87
50467	B	0	19	0.41	0.25	1.50
50467	C	0	1	0.45	0.00	0.77
50467	D	0	1	-1.15	0.00	0.15
50468	A	1	15	1.51	0.53	1.49
50468	B	0	4	0.89	0.41	1.25
50468	C	0	7	1.73	1.00	2.60
50468	D	0	6	0.47	0.21	0.67

50469	A	1	15	1.74	0.50	1.32
50469	B	0	2	0.56	0.05	0.54
50469	C	0	11	1.01	0.33	1.28
50469	D	0	4	-0.41	1.77	0.92
50470	A	1	8	2.25	0.27	0.63
50470	B	0	5	0.74	0.19	0.49
50470	C	0	16	1.02	0.31	1.08
50470	D	0	3	1.04	0.94	1.07
50471	A	1	19	2.00	0.26	0.76
50471	B	0	6	0.91	0.57	1.73
50471	C	0	3	0.69	0.70	0.83
50471	D	0	11	-0.04	0.31	0.46
50472	A	1	17	1.86	0.43	0.90
50472	B	0	10	0.71	0.37	1.38
50472	C	0	1	0.79	0.00	0.77
50472	D	0	3	-0.42	1.20	0.89
50473	A	1	11	1.78	0.36	0.84
50473	B	0	12	0.80	0.30	1.28
50473	C	0	5	0.70	0.31	0.87
50473	D	0	11	-0.16	0.28	0.44
50474	A	1	16	1.36	0.56	1.29
50474	B	0	7	0.84	0.25	1.45
50474	C	0	1	-0.13	0.00	0.47
50474	D	0	3	-0.58	0.57	0.39
50475	A	1	23	1.33	0.19	0.86
50475	B	0	5	-0.20	0.18	0.39
50475	C	0	3	0.53	0.55	1.02
50475	D	0	3	0.61	0.39	0.94
50476	A	1	16	1.22	0.23	0.87
50476	B	0	11	0.63	0.26	1.24
50476	C	0	1	-0.37	0.00	0.32
50476	D	0	3	-0.53	0.51	0.34
50477	A	1	28	1.25	0.14	0.84
50477	B	0	0	0.00	0.00	0.00
50477	C	0	2	-0.13	0.97	0.55
50477	D	0	1	0.13	0.00	0.47
50478	A	1	27	2.42	0.48	0.98
50478	B	0	6	0.64	0.29	0.74
50478	C	0	4	0.74	0.37	0.78
50478	D	0	3	0.55	0.46	0.63
50479	A	1	16	2.00	0.49	1.86
50479	B	0	5	0.96	0.30	0.95
50479	C	0	7	0.40	0.26	0.56
50479	D	0	6	0.61	0.22	0.65
50480	A	1	14	2.07	0.51	0.98
50480	B	0	6	0.72	0.32	0.69
50480	C	0	4	1.51	0.67	2.10
50480	D	0	6	0.75	0.20	0.63
50481	A	1	32	0.99	0.15	0.96
50481	B	0	0	0.00	0.00	0.00
50481	C	0	5	0.18	0.27	0.73
50481	D	0	2	0.11	0.61	0.71
50482	A	1	32	1.19	0.28	0.89
50482	B	0	2	-0.70	0.39	0.39

50482	C	0	1	1.63	0.00	3.70
50482	D	0	3	-1.15	0.01	0.23
50483	A	1	38	0.82	0.19	0.97
50483	B	0	1	-1.00	0.00	0.31
50483	C	0	2	-1.04	0.75	0.39
50483	D	0	1	-0.22	0.00	0.68
50484	A	1	27	1.36	0.17	0.70
50484	B	0	3	0.05	0.53	0.71
50484	C	0	0	0.00	0.00	0.00
50484	D	0	1	-3.05	0.00	0.03
50485	A	1	34	1.23	0.25	0.89
50485	B	0	2	-0.26	0.74	0.52
50485	C	0	2	0.83	0.63	1.46
50485	D	0	2	-0.55	0.58	0.36
50486	A	1	39	1.95	0.29	0.81
50486	B	0	4	0.60	0.18	0.81
50486	C	0	6	-0.07	0.44	0.58
50486	D	0	2	-1.91	1.34	0.13
50487	A	1	32	1.10	0.24	1.08
50487	B	0	0	0.00	0.00	0.00
50487	C	0	2	0.47	0.00	1.01
50487	D	0	0	0.00	0.00	0.00
50488	A	1	28	1.34	0.13	0.92
50488	B	0	1	0.18	0.00	0.42
50488	C	0	2	0.30	0.33	0.50
50488	D	0	0	0.00	0.00	0.00
50489	A	1	26	0.97	0.22	1.09
50489	B	0	1	-0.61	0.00	0.41
50489	C	0	0	0.00	0.00	0.00
50489	D	0	0	0.00	0.00	0.00
50490	A	1	28	1.12	0.14	0.88
50490	B	0	2	0.43	0.28	0.76
50490	C	0	3	-0.27	0.35	0.41
50490	D	0	2	0.48	0.31	0.81
50491	A	1	13	1.40	0.23	0.76
50491	B	0	4	-0.10	0.37	0.47
50491	C	0	6	0.58	0.25	0.89
50491	D	0	3	0.41	0.07	0.65
50492	A	1	23	1.22	0.25	1.20
50492	B	0	5	0.39	0.55	1.13
50492	C	0	2	0.17	0.86	0.81
50492	D	0	2	0.29	0.50	0.74
50493	A	1	19	1.52	0.23	0.81
50493	B	0	3	0.07	0.87	0.86
50493	C	0	1	1.46	0.00	1.77
50493	D	0	2	-0.43	0.72	0.34
50494	A	1	13	1.46	0.33	1.03
50494	B	0	3	0.76	0.89	1.99
50494	C	0	4	0.24	0.47	0.68
50494	D	0	4	0.25	0.37	0.65
50495	A	1	25	1.31	0.34	0.72
50495	B	0	4	-0.51	0.35	0.46
50495	C	0	0	0.00	0.00	0.00
50495	D	0	2	-1.38	1.67	0.46

50496	A	1	18	1.02	0.26	1.24
50496	B	0	1	0.47	0.00	0.89
50496	C	0	3	0.02	0.53	0.76
50496	D	0	2	0.47	0.06	0.89
50497	A	1	18	1.05	0.25	0.97
50497	B	0	6	0.29	0.39	1.11
50497	C	0	1	-1.26	0.00	0.17
50497	D	0	3	-0.22	0.09	0.49
50498	A	1	28	1.14	0.14	0.79
50498	B	0	4	0.12	0.13	0.60
50498	C	0	3	-0.23	0.51	0.54
50498	D	0	2	-0.40	0.06	0.35
50499	A	1	15	1.43	0.31	1.08
50499	B	0	12	0.25	0.20	0.63
50499	C	0	3	3.96	1.93	8.00
50499	D	0	4	0.19	0.33	0.55
50500	A	1	30	1.52	0.25	0.76
50500	B	0	3	0.10	1.00	1.32
50500	C	0	2	0.73	0.15	0.92
50500	D	0	3	-0.51	0.35	0.30
50501	A	1	15	1.52	0.23	0.90
50501	B	0	7	0.65	0.60	1.69
50501	C	0	8	0.82	0.44	1.51
50501	D	0	1	-0.63	0.00	0.18
50502	A	1	23	1.83	0.21	0.95
50502	B	0	3	1.58	0.07	1.38
50502	C	0	7	0.61	0.50	0.96
50502	D	0	9	0.30	0.36	0.57
50503	A	1	10	1.33	0.24	1.13
50503	B	0	4	1.95	0.21	2.33
50503	C	0	7	0.58	0.34	0.73
50503	D	0	5	0.56	0.26	0.63
50504	A	1	8	2.57	0.30	0.44
50504	B	0	12	0.86	0.28	0.86
50504	C	0	6	0.45	0.27	0.48
50504	D	0	4	0.45	0.53	0.55
50505	A	1	5	1.95	0.76	2.70
50505	B	0	2	1.10	1.23	1.30
50505	C	0	13	0.87	0.35	1.17
50505	D	0	7	0.54	0.29	0.53
50506	A	1	7	1.62	0.55	1.49
50506	B	0	14	1.14	0.27	1.23
50506	C	0	8	0.41	0.50	1.13
50506	D	0	7	0.34	0.48	0.61
50507	A	1	8	1.98	0.91	1.47
50507	B	0	3	0.68	0.70	0.99
50507	C	0	8	0.65	0.44	1.04
50507	D	0	1	-0.32	0.00	0.25
50508	A	1	16	1.95	0.46	0.72
50508	B	0	5	0.26	0.38	0.72
50508	C	0	5	0.39	0.51	0.95
50508	D	0	5	-0.32	0.75	0.61
50509	A	1	20	1.49	0.20	0.84
50509	B	0	4	0.10	0.34	0.50

50509	C	0	5	0.63	0.41	1.06
50509	D	0	8	0.42	0.41	0.85
50510	A	1	24	0.81	0.24	1.05
50510	B	0	0	0.00	0.00	0.00
50510	C	0	1	0.13	0.00	0.88
50510	D	0	0	0.00	0.00	0.00
50511	A	1	22	1.17	0.21	0.92
50511	B	0	2	1.05	0.78	1.85
50511	C	0	1	-1.14	0.00	0.15
50511	D	0	0	0.00	0.00	0.00
50512	A	1	22	1.21	0.21	0.73
50512	B	0	1	-0.22	0.00	0.48
50512	C	0	2	0.12	0.81	0.91
50512	D	0	3	-0.99	0.34	0.25
50513	A	1	21	1.50	0.37	0.79
50513	B	0	2	-0.60	0.02	0.29
50513	C	0	10	0.06	0.27	0.82
50513	D	0	0	0.00	0.00	0.00
50514	A	1	32	1.39	0.35	1.00
50514	B	0	0	0.00	0.00	0.00
50514	C	0	1	-0.12	0.00	0.51
50514	D	0	0	0.00	0.00	0.00
50516	A	1	31	0.93	0.21	0.85
50516	B	0	2	-1.15	0.40	0.27
50516	C	0	1	-1.54	0.00	0.17
50516	D	0	1	0.70	0.00	1.60
50517	A	1	21	1.31	0.39	1.31
50517	B	0	2	1.27	0.65	2.35
50517	C	0	1	0.12	0.00	0.61
50517	D	0	0	0.00	0.00	0.00
50518	A	1	34	0.83	0.16	0.87
50518	B	0	1	-0.89	0.00	0.30
50518	C	0	0	0.00	0.00	0.00
50518	D	0	1	-1.36	0.00	0.18
50519	A	1	29	0.78	0.15	0.85
50519	B	0	1	-1.08	0.00	0.25
50519	C	0	2	0.21	0.10	0.90
50519	D	0	1	-1.69	0.00	0.13
50520	A	1	30	1.15	0.37	0.95
50520	B	0	0	0.00	0.00	0.00
50520	C	0	2	0.43	0.55	1.25
50520	D	0	1	-1.34	0.00	0.18
50521	A	1	15	1.39	0.26	1.19
50521	B	0	6	1.31	0.31	1.52
50521	C	0	1	2.55	0.00	4.01
50521	D	0	4	-0.23	0.69	0.45
50522	A	1	21	2.06	0.48	0.97
50522	B	0	7	0.30	0.34	0.66
50522	C	0	5	0.11	0.59	0.79
50522	D	0	3	1.11	1.04	2.68
50523	A	1	23	1.63	0.35	0.82
50523	B	0	8	0.42	0.36	1.12
50523	C	0	2	0.04	0.41	0.51
50523	D	0	2	-0.91	0.94	0.27

50524	A	1	22	1.73	0.42	0.86
50524	B	0	4	-0.37	0.59	0.68
50524	C	0	2	0.00	0.21	0.56
50524	D	0	3	-0.09	0.33	0.55
50525	A	1	24	1.36	0.18	0.69
50525	B	0	3	-0.35	0.27	0.39
50525	C	0	2	0.06	0.37	0.58
50525	D	0	4	-0.46	0.42	0.40
50526	A	1	13	1.74	0.20	0.66
50526	B	0	1	0.29	0.00	0.45
50526	C	0	13	0.68	0.22	0.86
50526	D	0	3	-0.33	0.50	0.31
50527	A	1	20	1.24	0.29	1.10
50527	B	0	2	-0.92	0.02	0.26
50527	C	0	0	0.00	0.00	0.00
50527	D	0	5	-0.30	0.34	0.60
50528	A	1	18	1.44	0.23	0.85
50528	B	0	6	0.99	0.54	1.94
50528	C	0	2	0.12	0.41	0.50
50528	D	0	6	-0.16	0.48	0.56
50529	A	1	7	2.46	0.99	0.69
50529	B	0	6	0.60	0.35	0.80
50529	C	0	14	0.58	0.23	0.90
50529	D	0	4	-0.03	0.41	0.44
50530	A	1	22	1.39	0.23	1.13
50530	B	0	5	0.69	0.55	1.54
50530	C	0	6	0.53	0.30	0.85
50530	D	0	3	0.03	0.49	0.53
50531	A	1	14	1.95	0.50	1.21
50531	B	0	4	0.65	0.44	0.66
50531	C	0	4	0.76	0.24	0.63
50531	D	0	11	1.20	0.27	1.19
50532	A	1	4	0.46	0.73	4.24
50532	B	0	7	0.62	0.57	1.44
50532	C	0	10	0.66	0.39	1.02
50532	D	0	20	0.88	0.24	1.18
50533	A	1	30	1.23	0.27	0.91
50533	B	0	2	0.07	1.19	1.12
50533	C	0	3	0.27	0.73	1.31
50533	D	0	1	-1.53	0.00	0.13
50534	A	1	33	1.09	0.30	1.00
50534	B	0	1	-0.76	0.00	0.37
50534	C	0	1	-1.25	0.00	0.29
50534	D	0	2	-0.42	0.43	0.57
50535	A	1	5	2.04	1.59	2.95
50535	B	0	0	0.00	0.00	0.00
50535	C	0	4	1.36	0.44	1.43
50535	D	0	13	0.63	0.29	0.90
50536	A	1	15	1.26	0.47	3.79
50536	B	0	0	0.00	0.00	0.00
50536	C	0	7	0.92	0.49	1.43
50536	D	0	20	0.85	0.19	0.99
50537	A	1	23	1.67	0.32	0.71
50537	B	0	2	-0.23	0.26	0.38

50537	C	0	2	-0.90	0.66	0.23
50537	D	0	0	0.00	0.00	0.00
50538	A	1	29	1.58	0.37	0.72
50538	B	0	2	-0.07	0.60	0.79
50538	C	0	2	-1.49	0.54	0.19
50538	D	0	2	-1.40	0.52	0.20
50539	A	1	11	2.02	0.67	1.01
50539	B	0	5	0.71	0.21	0.77
50539	C	0	2	1.23	0.55	1.36
50539	D	0	12	0.07	0.58	0.80
50540	A	1	11	0.95	0.28	1.44
50540	B	0	8	0.40	0.31	0.91
50540	C	0	3	0.34	0.31	0.67
50540	D	0	12	0.82	0.24	1.31
50541	A	1	22	2.07	0.34	0.92
50541	B	0	3	0.86	0.78	1.07
50541	C	0	3	0.08	0.30	0.34
50541	D	0	2	0.96	0.56	0.87
50542	A	1	31	1.00	0.16	0.91
50542	B	0	5	0.26	0.44	1.13
50542	C	0	1	-0.48	0.00	0.35
50542	D	0	3	0.14	0.87	1.35
50543	A	1	15	1.87	0.50	1.12
50543	B	0	8	1.07	0.19	1.08
50543	C	0	4	0.98	0.22	0.91
50543	D	0	3	-0.48	0.61	0.26
50544	A	1	30	1.81	0.34	0.91
50544	B	0	7	0.38	0.50	1.19
50544	C	0	3	-0.01	0.19	0.42
50544	D	0	2	0.50	0.81	0.89
50545	A	1	32	1.58	0.40	0.94
50545	B	0	2	-0.34	0.55	0.50
50545	C	0	2	-0.17	0.47	0.58
50545	D	0	3	-0.31	0.21	0.47
50546	A	1	27	0.92	0.21	1.12
50546	B	0	3	0.22	0.09	0.76
50546	C	0	2	0.85	0.86	1.98
50546	D	0	2	-0.32	0.24	0.45
50547	A	1	10	2.35	0.71	0.72
50547	B	0	5	0.49	0.38	0.79
50547	C	0	6	0.25	0.50	0.85
50547	D	0	4	-0.07	0.65	0.54
50548	A	1	22	2.10	0.44	0.78
50548	B	0	12	0.07	0.33	0.73
50548	C	0	0	0.00	0.00	0.00
50548	D	0	2	0.13	0.37	0.50
50549	A	1	17	1.65	0.37	1.02
50549	B	0	4	0.55	0.67	0.94
50549	C	0	5	0.14	0.32	0.51
50549	D	0	1	2.78	0.00	5.68
50550	A	1	18	1.68	0.49	1.11
50550	B	0	3	0.22	0.19	0.60
50550	C	0	4	0.26	0.39	0.78
50550	D	0	4	0.55	0.11	0.81

50551	A	1	16	1.87	0.48	0.93
50551	B	0	8	0.18	0.31	0.76
50551	C	0	2	-0.43	0.45	0.33
50551	D	0	1	-0.61	0.00	0.25
50552	A	1	27	1.59	0.29	0.88
50552	B	0	1	0.43	0.00	0.69
50552	C	0	2	-0.31	0.81	0.45
50552	D	0	1	-0.86	0.00	0.19
50553	A	1	6	2.19	0.58	0.67
50553	B	0	7	0.27	0.61	1.10
50553	C	0	10	0.43	0.13	0.55
50553	D	0	0	0.00	0.00	0.00
50554	A	1	31	1.53	0.37	1.25
50554	B	0	7	0.49	0.25	0.88
50554	C	0	1	2.07	0.00	3.54
50554	D	0	1	1.45	0.00	1.91
50555	A	1	16	0.94	0.21	1.61
50555	B	0	16	0.93	0.26	1.25
50555	C	0	4	2.17	0.67	5.16
50555	D	0	2	0.94	0.29	0.86
50556	A	1	25	0.85	0.33	1.21
50556	B	0	3	0.10	0.51	1.00
50556	C	0	5	0.18	0.43	1.20
50556	D	0	1	1.39	0.00	2.80
50557	A	1	15	1.61	0.40	1.51
50557	B	0	1	0.59	0.00	0.56
50557	C	0	13	0.85	0.28	1.00
50557	D	0	3	0.76	0.66	0.92
50558	A	1	44	1.03	0.25	1.03
50558	B	0	1	0.68	0.00	1.31
50558	C	0	0	0.00	0.00	0.00
50558	D	0	0	0.00	0.00	0.00
50559	A	1	27	1.11	0.34	1.08
50559	B	0	1	0.35	0.00	1.08
50559	C	0	0	0.00	0.00	0.00
50559	D	0	0	0.00	0.00	0.00
50562	A	1	19	1.34	0.44	1.22
50562	B	0	1	1.63	0.00	3.52
50562	C	0	0	0.00	0.00	0.00
50562	D	0	0	0.00	0.00	0.00
50563	A	1	25	0.93	0.25	1.09
50563	B	0	1	-0.36	0.00	0.46
50563	C	0	4	0.69	0.83	2.91
50563	D	0	0	0.00	0.00	0.00
50564	A	1	15	1.45	0.31	1.02
50564	B	0	2	0.47	0.31	0.68
50564	C	0	9	0.62	0.35	1.07
50564	D	0	3	-0.22	0.61	0.48
50565	A	1	25	2.04	0.40	1.10
50565	B	0	0	0.00	0.00	0.00
50565	C	0	5	1.79	0.35	2.26
50565	D	0	5	0.13	0.60	0.56
50566	A	1	27	1.45	0.31	0.73
50566	B	0	1	0.37	0.00	0.88

50566	C	0	3	-0.45	0.99	1.01
50566	D	0	3	-0.91	0.69	0.39
50567	A	1	19	1.11	0.25	0.79
50567	B	0	4	0.69	0.66	2.43
50567	C	0	2	-0.13	0.28	0.60
50567	D	0	7	-0.96	0.57	0.59
50568	A	1	18	1.10	0.51	1.44
50568	B	0	2	0.08	1.17	1.37
50568	C	0	5	-0.04	0.53	1.10
50568	D	0	3	0.34	0.95	2.29
50569	A	1	23	1.08	0.22	0.94
50569	B	0	3	0.50	0.53	1.25
50569	C	0	2	-0.44	0.73	0.47
50569	D	0	3	-0.10	0.35	0.62
50570	A	1	25	1.82	0.30	0.74
50570	B	0	3	-0.46	0.03	0.23
50570	C	0	1	0.01	0.00	0.37
50570	D	0	5	0.54	0.39	0.88
50571	A	1	26	1.31	0.18	0.73
50571	B	0	2	-0.45	0.27	0.37
50571	C	0	3	-0.61	0.12	0.31
50571	D	0	5	-0.36	0.22	0.43
50572	A	1	22	1.52	0.20	0.85
50572	B	0	6	0.60	0.15	0.71
50572	C	0	2	0.60	0.30	0.69
50572	D	0	6	0.34	0.42	0.73
50573	A	1	27	1.54	0.31	1.04
50573	B	0	3	0.10	0.76	0.81
50573	C	0	1	0.75	0.00	0.89
50573	D	0	2	0.79	0.54	1.06
50574	A	1	10	1.24	0.32	1.61
50574	B	0	6	0.44	0.62	1.09
50574	C	0	5	1.67	0.52	2.15
50574	D	0	10	0.77	0.28	0.90
50575	A	1	23	1.71	0.33	0.62
50575	B	0	2	-0.12	0.09	0.45
50575	C	0	2	-0.49	0.06	0.31
50575	D	0	7	-0.38	0.18	0.38
50576	A	1	22	1.75	0.35	0.75
50576	B	0	3	-0.23	0.50	0.46
50576	C	0	1	0.32	0.00	0.63
50576	D	0	6	-0.11	0.25	0.49
50577	A	1	38	0.90	0.16	1.07
50577	B	0	0	0.00	0.00	0.00
50577	C	0	2	0.97	0.94	2.23
50577	D	0	1	0.71	0.00	1.16
50578	A	1	30	1.21	0.18	1.03
50578	B	0	2	0.72	1.45	2.29
50578	C	0	2	-0.57	0.60	0.34
50578	D	0	1	0.45	0.00	0.80
50579	A	1	35	1.01	0.20	1.14
50579	B	0	3	-0.08	0.33	0.59
50579	C	0	1	1.34	0.00	2.19
50579	D	0	1	7.81	0.00	29.62

50580	A	1	28	1.47	0.20	1.05
50580	B	0	2	0.48	1.08	1.00
50580	C	0	1	-0.41	0.00	0.25
50580	D	0	2	1.72	1.01	3.27
50581	A	1	36	0.92	0.18	1.05
50581	B	0	3	0.36	0.32	0.98
50581	C	0	0	0.00	0.00	0.00
50581	D	0	0	0.00	0.00	0.00
50582	A	1	25	0.81	0.20	1.30
50582	B	0	4	-0.20	0.65	0.71
50582	C	0	5	1.07	0.38	2.04
50582	D	0	2	1.09	0.29	1.70
50583	A	1	19	1.66	0.23	0.71
50583	B	0	1	1.41	0.00	1.61
50583	C	0	6	0.27	0.27	0.66
50583	D	0	7	0.03	0.32	0.57
50584	A	1	19	1.33	0.17	0.73
50584	B	0	5	-0.08	0.27	0.48
50584	C	0	3	0.74	0.39	1.10
50584	D	0	6	-0.57	1.08	0.82
50585	A	1	23	1.16	0.21	1.06
50585	B	0	5	0.18	0.19	0.60
50585	C	0	0	0.00	0.00	0.00
50585	D	0	5	0.66	0.24	1.01
50586	A	1	15	1.99	0.48	0.74
50586	B	0	1	0.68	0.00	0.70
50586	C	0	5	0.25	0.34	0.58
50586	D	0	4	0.40	0.13	0.55
50587	A	1	13	1.85	0.33	1.03
50587	B	0	2	0.05	0.73	0.49
50587	C	0	5	0.00	0.49	0.51
50587	D	0	8	0.47	0.22	0.69
50588	A	1	25	1.78	0.33	0.81
50588	B	0	3	-0.35	0.25	0.33
50588	C	0	2	-0.19	0.57	0.42
50588	D	0	1	0.63	0.00	0.82
50589	A	1	21	1.46	0.41	0.92
50589	B	0	1	-1.26	0.00	0.16
50589	C	0	3	-0.39	0.52	0.48
50589	D	0	4	0.78	0.81	3.48
50590	A	1	25	1.28	0.18	0.86
50590	B	0	1	-0.89	0.00	0.18
50590	C	0	1	-0.10	0.00	0.40
50590	D	0	3	0.64	0.59	1.20
50591	A	1	19	1.56	0.20	0.74
50591	B	0	2	1.19	1.34	2.60
50591	C	0	2	-0.46	1.12	0.44
50591	D	0	8	-0.03	0.35	0.53
50592	A	1	28	1.11	0.33	1.11
50592	B	0	1	0.04	0.00	0.67
50592	C	0	3	0.16	0.49	0.98
50592	D	0	3	0.31	0.48	1.06
50593	A	1	21	2.09	0.56	1.40
50593	B	0	6	0.24	0.12	0.58

50593	C	0	4	0.07	0.28	0.53
50593	D	0	10	0.39	0.42	1.29
50594	A	1	24	1.56	0.33	1.11
50594	B	0	2	0.05	0.26	0.40
50594	C	0	6	0.65	0.44	1.24
50594	D	0	3	1.25	0.34	1.46
50595	A	1	29	0.94	0.19	1.10
50595	B	0	0	0.00	0.00	0.00
50595	C	0	2	0.43	0.78	1.16
50595	D	0	1	1.74	0.00	3.26
50596	A	1	33	1.00	0.20	1.00
50596	B	0	1	-0.66	0.00	0.31
50596	C	0	2	0.27	0.37	0.86
50596	D	0	0	0.00	0.00	0.00
50597	A	1	24	2.10	0.40	1.04
50597	B	0	9	1.36	0.35	1.60
50597	C	0	1	0.37	0.00	0.37
50597	D	0	2	0.65	0.02	0.48
50598	A	1	23	1.59	0.19	0.86
50598	B	0	6	0.99	0.12	0.97
50598	C	0	3	0.13	0.39	0.47
50598	D	0	7	0.24	0.32	0.60
50599	A	1	22	1.04	0.18	0.64
50599	B	0	2	-1.02	0.32	0.29
50599	C	0	2	-1.51	0.34	0.18
50599	D	0	1	-0.52	0.00	0.45
50600	A	1	19	1.45	0.23	0.96
50600	B	0	2	0.12	0.17	0.43
50600	C	0	1	0.35	0.00	0.53
50600	D	0	6	0.67	0.18	0.79
50601	A	1	26	1.41	0.24	0.79
50601	B	0	1	0.33	0.00	0.87
50601	C	0	2	-1.58	0.49	0.14
50601	D	0	1	-0.73	0.00	0.30
50602	A	1	19	1.11	0.42	1.06
50602	B	0	1	-0.06	0.00	0.63
50602	C	0	3	-0.06	0.62	0.91
50602	D	0	0	0.00	0.00	0.00
50603	A	1	17	1.20	0.20	0.89
50603	B	0	0	0.00	0.00	0.00
50603	C	0	4	0.19	0.34	0.63
50603	D	0	0	0.00	0.00	0.00
50604	A	1	21	1.73	0.28	0.88
50604	B	0	0	0.00	0.00	0.00
50604	C	0	2	-0.38	0.37	0.29
50604	D	0	0	0.00	0.00	0.00
50605	A	1	26	1.20	0.17	0.83
50605	B	0	0	0.00	0.00	0.00
50605	C	0	2	-0.03	0.69	0.62
50605	D	0	2	-0.63	0.25	0.28
50606	A	1	30	1.65	0.34	1.06
50606	B	0	2	0.34	0.16	0.60
50606	C	0	0	0.00	0.00	0.00
50606	D	0	0	0.00	0.00	0.00

50607	A	1	24	1.22	0.39	0.77
50607	B	0	0	0.00	0.00	0.00
50607	C	0	2	-0.39	0.59	0.76
50607	D	0	2	-1.93	1.32	0.27
50608	A	1	31	1.42	0.22	0.76
50608	B	0	3	-0.82	0.36	0.31
50608	C	0	1	-1.40	0.00	0.16
50608	D	0	1	-1.11	0.00	0.21
50609	A	1	32	1.03	0.29	0.99
50609	B	0	0	0.00	0.00	0.00
50609	C	0	1	-0.39	0.00	0.47
50609	D	0	0	0.00	0.00	0.00
50610	A	1	30	1.51	0.32	0.79
50610	B	0	0	0.00	0.00	0.00
50610	C	0	3	-0.48	0.43	0.46
50610	D	0	2	-1.05	0.58	0.25
50611	A	1	26	1.37	0.33	1.00
50611	B	0	4	-0.05	0.47	0.72
50611	C	0	0	0.00	0.00	0.00
50611	D	0	0	0.00	0.00	0.00
50612	A	1	34	1.43	0.33	0.98
50612	B	0	1	0.67	0.00	1.14
50612	C	0	6	-0.22	0.27	0.56
50612	D	0	1	-0.41	0.00	0.39
50613	A	1	22	1.08	0.26	0.95
50613	B	0	4	-0.11	0.19	0.66
50613	C	0	5	0.02	0.22	0.78
50613	D	0	2	-3.58	2.14	0.09
50614	A	1	31	1.36	0.29	0.87
50614	B	0	2	0.61	0.64	1.50
50614	C	0	1	-0.32	0.00	0.49
50614	D	0	1	-5.72	0.00	0.01
50615	A	1	21	1.74	0.43	0.96
50615	B	0	6	0.23	0.11	0.56
50615	C	0	1	0.47	0.00	0.69
50615	D	0	4	0.26	0.37	0.68
50616	A	1	29	1.38	0.13	0.85
50616	B	0	2	0.19	0.35	0.47
50616	C	0	4	0.33	0.14	0.52
50616	D	0	1	0.46	0.00	0.58
50617	A	1	31	1.22	0.22	0.77
50617	B	0	2	-0.84	1.03	0.52
50617	C	0	2	-1.09	0.94	0.38
50617	D	0	6	-0.75	0.22	0.41
50618	A	1	33	1.11	0.17	1.02
50618	B	0	3	0.24	0.51	0.80
50618	C	0	0	0.00	0.00	0.00
50618	D	0	0	0.00	0.00	0.00
50619	A	1	32	0.78	0.19	1.01
50619	B	0	2	0.61	0.56	1.58
50619	C	0	2	-0.77	0.18	0.35
50619	D	0	0	0.00	0.00	0.00
50620	A	1	21	1.54	0.35	0.81
50620	B	0	4	0.13	0.39	0.68

50620	C	0	3	0.26	0.10	0.59
50620	D	0	2	-0.07	0.24	0.44
50621	A	1	34	1.68	0.30	0.88
50621	B	0	2	0.09	0.27	0.55
50621	C	0	3	-0.44	0.32	0.34
50621	D	0	3	-0.35	0.26	0.37
50622	A	1	21	1.70	0.34	0.82
50622	B	0	1	0.36	0.00	0.55
50622	C	0	2	0.03	0.75	0.51
50622	D	0	2	0.03	0.25	0.41
50623	A	1	22	1.43	0.23	0.79
50623	B	0	3	-0.41	0.40	0.40
50623	C	0	3	0.94	0.35	1.48
50623	D	0	2	-1.60	0.24	0.10
50624	A	1	26	2.03	0.37	0.75
50624	B	0	7	-0.27	0.20	0.32
50624	C	0	2	-0.35	0.06	0.26
50624	D	0	7	0.93	0.44	1.65
50625	A	1	21	1.55	0.36	0.74
50625	B	0	1	-0.73	0.00	0.24
50625	C	0	1	-0.70	0.00	0.25
50625	D	0	4	-0.07	0.37	0.56
50626	A	1	27	1.79	0.34	0.92
50626	B	0	4	0.19	0.36	0.53
50626	C	0	2	0.82	0.43	0.90
50626	D	0	2	0.23	0.27	0.48
50627	A	1	24	1.27	0.19	1.02
50627	B	0	5	0.57	0.30	0.88
50627	C	0	8	1.25	0.98	3.08
50627	D	0	2	0.59	0.31	0.77
50628	A	1	14	1.47	0.21	0.80
50628	B	0	3	1.43	0.58	2.02
50628	C	0	7	0.50	0.19	0.66
50628	D	0	3	0.10	0.22	0.42
50629	A	1	14	2.04	0.49	0.84
50629	B	0	13	1.05	0.38	1.75
50629	C	0	2	-0.08	0.29	0.30
50629	D	0	7	-0.14	0.19	0.31
50630	A	1	18	1.17	0.23	0.98
50630	B	0	3	0.14	0.47	0.69
50630	C	0	6	0.47	0.42	1.16
50630	D	0	3	-0.22	0.49	0.50
50631	A	1	23	1.70	0.18	0.60
50631	B	0	5	0.31	0.38	0.75
50631	C	0	15	0.16	0.24	0.72
50631	D	0	5	-0.21	0.32	0.40
50632	A	1	20	1.56	0.25	0.99
50632	B	0	6	0.33	0.28	0.62
50632	C	0	6	0.80	0.32	1.03
50632	D	0	6	0.08	0.48	0.65
50633	A	1	13	1.77	0.35	0.88
50633	B	0	5	0.54	0.33	0.83
50633	C	0	4	0.29	0.48	0.75
50633	D	0	7	0.23	0.46	0.74

50634	A	1	16	1.97	0.45	0.67
50634	B	0	0	0.00	0.00	0.00
50634	C	0	7	0.18	0.25	0.58
50634	D	0	5	0.07	0.29	0.53
50635	A	1	18	1.24	0.22	0.99
50635	B	0	6	0.68	0.16	0.87
50635	C	0	3	0.47	0.43	0.80
50635	D	0	7	0.49	0.44	1.17
50636	A	1	18	1.30	0.23	0.94
50636	B	0	4	0.58	0.56	1.21
50636	C	0	6	0.16	0.35	0.69
50636	D	0	6	0.29	0.31	0.73
50637	A	1	23	1.40	0.40	1.11
50637	B	0	2	-0.53	0.52	0.37
50637	C	0	3	1.12	0.68	2.63
50637	D	0	8	0.03	0.41	0.96
50638	A	1	13	2.38	0.77	0.91
50638	B	0	5	0.31	0.09	0.55
50638	C	0	5	-0.11	0.51	0.60
50638	D	0	6	0.68	0.40	1.19
50639	A	1	14	1.65	0.27	0.69
50639	B	0	6	0.36	0.34	0.75
50639	C	0	2	0.09	1.23	0.83
50639	D	0	12	0.23	0.38	1.54
50640	A	1	11	1.95	0.37	1.01
50640	B	0	6	0.24	0.34	0.55
50640	C	0	9	0.63	0.16	0.71
50640	D	0	5	0.23	0.20	0.47
50641	A	1	26	1.32	0.33	1.20
50641	B	0	0	0.00	0.00	0.00
50641	C	0	6	0.19	0.30	0.70
50641	D	0	9	0.73	0.26	1.31
50642	A	1	10	1.53	0.81	2.03
50642	B	0	2	0.44	0.51	0.56
50642	C	0	2	1.41	0.16	1.31
50642	D	0	5	1.68	0.52	2.80
50643	A	1	25	1.24	0.33	1.11
50643	B	0	3	1.20	0.49	2.04
50643	C	0	7	0.98	0.26	1.67
50643	D	0	3	-1.15	0.48	0.19
50644	A	1	24	1.10	0.18	1.07
50644	B	0	3	0.16	0.51	0.67
50644	C	0	4	1.39	0.28	1.92
50644	D	0	2	0.19	0.03	0.53
50645	A	1	27	1.27	0.31	0.89
50645	B	0	0	0.00	0.00	0.00
50645	C	0	1	0.10	0.00	0.66
50645	D	0	1	-1.23	0.00	0.16
50646	A	1	23	1.15	0.22	0.93
50646	B	0	5	-0.13	0.30	0.62
50646	C	0	1	-0.73	0.00	0.28
50646	D	0	0	0.00	0.00	0.00
50647	A	1	31	1.52	0.17	0.93
50647	B	0	4	0.96	0.73	1.73

50647	C	0	1	-0.59	0.00	0.20
50647	D	0	1	0.47	0.00	0.57
50648	A	1	26	1.42	0.27	0.97
50648	B	0	3	0.37	0.55	0.96
50648	C	0	0	0.00	0.00	0.00
50648	D	0	7	0.02	0.44	0.77
50649	A	1	25	1.33	0.19	0.85
50649	B	0	2	0.57	0.25	0.86
50649	C	0	5	0.51	0.28	0.92
50649	D	0	6	-0.54	0.51	0.51
50650	A	1	27	1.50	0.32	1.03
50650	B	0	0	0.00	0.00	0.00
50650	C	0	5	0.02	0.45	0.70
50650	D	0	0	0.00	0.00	0.00
50651	A	1	12	1.69	0.85	3.02
50651	B	0	7	0.79	0.51	1.26
50651	C	0	3	2.01	0.44	2.89
50651	D	0	6	1.47	1.34	3.33
50652	A	1	12	2.07	0.64	1.26
50652	B	0	8	0.72	0.40	1.00
50652	C	0	7	0.63	0.28	0.77
50652	D	0	6	0.27	0.31	0.53
50653	A	1	18	1.52	0.32	1.21
50653	B	0	8	0.60	0.36	1.05
50653	C	0	3	-0.16	1.13	0.85
50653	D	0	8	0.88	0.26	1.09
50654	A	1	7	2.49	0.96	1.57
50654	B	0	17	1.13	0.33	1.07
50654	C	0	3	2.49	2.86	3.54
50654	D	0	5	0.20	0.45	0.33
50655	A	1	6	1.28	0.53	1.67
50655	B	0	18	0.66	0.25	1.22
50655	C	0	6	1.26	0.29	1.42
50655	D	0	5	0.03	0.46	0.53
50656	A	1	5	1.29	0.39	0.93
50656	B	0	11	0.65	0.23	0.95
50656	C	0	2	1.79	0.41	2.56
50656	D	0	3	-0.94	0.40	0.18
50657	A	1	8	1.14	0.47	1.34
50657	B	0	9	0.90	0.26	1.41
50657	C	0	4	0.25	0.31	0.65
50657	D	0	7	0.06	0.36	0.62
50658	A	1	5	0.95	0.64	2.74
50658	B	0	16	0.77	0.21	0.91
50658	C	0	7	1.12	0.39	1.39
50658	D	0	7	0.59	0.46	1.08
50659	A	1	2	1.49	1.39	1.79
50659	B	0	19	1.18	0.15	1.04
50659	C	0	8	0.83	0.37	1.11
50659	D	0	4	0.17	0.43	0.41
50660	A	1	7	2.59	1.24	3.96
50660	B	0	29	0.94	0.20	0.94
50660	C	0	4	-0.03	0.83	0.65
50660	D	0	2	0.02	1.15	0.39

50661	A	1	29	0.99	0.18	1.06
50661	B	0	0	0.00	0.00	0.00
50661	C	0	3	0.85	0.41	1.45
50661	D	0	5	0.26	0.45	1.15
50662	A	1	27	1.53	0.40	0.94
50662	B	0	1	-0.18	0.00	0.49
50662	C	0	0	0.00	0.00	0.00
50662	D	0	1	-1.08	0.00	0.19
50663	A	1	37	1.14	0.24	0.92
50663	B	0	0	0.00	0.00	0.00
50663	C	0	2	-0.48	1.10	0.71
50663	D	0	2	-0.33	1.30	0.99
50664	A	1	15	1.67	0.49	0.85
50664	B	0	4	0.66	0.45	1.16
50664	C	0	6	0.07	0.28	0.62
50664	D	0	1	-0.46	0.00	0.29
50665	A	1	17	1.40	0.46	0.99
50665	B	0	1	0.29	0.00	0.72
50665	C	0	5	0.07	0.19	0.62
50665	D	0	0	0.00	0.00	0.00
50666	A	1	31	1.46	0.29	0.80
50666	B	0	0	0.00	0.00	0.00
50666	C	0	0	0.00	0.00	0.00
50666	D	0	2	-1.09	0.62	0.23
50667	A	1	21	1.51	0.35	0.87
50667	B	0	10	0.49	0.31	1.21
50667	C	0	10	0.36	0.36	1.17
50667	D	0	1	-1.14	0.00	0.14
50668	A	1	25	1.56	0.21	0.74
50668	B	0	1	-1.49	0.00	0.10
50668	C	0	5	0.19	0.22	0.62
50668	D	0	6	-0.20	0.24	0.43
50669	A	1	24	1.46	0.22	0.87
50669	B	0	7	0.15	0.24	0.62
50669	C	0	0	0.00	0.00	0.00
50669	D	0	2	-0.54	0.46	0.29
50670	A	1	21	1.62	0.41	0.82
50670	B	0	3	0.20	0.78	1.03
50670	C	0	2	-0.38	0.21	0.38
50670	D	0	5	-0.30	0.45	0.68
50671	A	1	8	2.11	0.89	1.35
50671	B	0	3	1.42	0.33	1.49
50671	C	0	3	0.45	0.21	0.53
50671	D	0	8	0.57	0.37	0.98
50672	A	1	19	1.21	0.17	0.99
50672	B	0	7	0.74	0.23	1.04
50672	C	0	12	0.47	0.22	0.85
50672	D	0	2	0.15	0.63	0.58
50673	A	1	6	3.90	1.31	0.60
50673	B	0	15	0.35	0.16	0.47
50673	C	0	5	1.20	0.26	1.08
50673	D	0	1	-0.41	0.00	0.19
50674	A	1	9	1.62	0.48	1.21
50674	B	0	11	1.15	0.32	1.75

50674	C	0	11	0.36	0.15	0.54
50674	D	0	5	0.44	0.29	0.62
50675	A	1	14	2.10	0.54	1.22
50675	B	0	6	0.26	0.56	0.69
50675	C	0	11	0.53	0.25	0.66
50675	D	0	7	1.55	0.38	1.85
50676	A	1	13	1.46	0.65	2.05
50676	B	0	3	0.70	0.15	0.68
50676	C	0	12	1.39	0.60	1.77
50676	D	0	10	0.67	0.46	1.38
50677	A	1	14	1.14	0.26	0.92
50677	B	0	1	-0.76	0.00	0.23
50677	C	0	5	0.52	0.44	1.16
50677	D	0	3	0.53	0.24	0.86
50678	A	1	20	1.58	0.38	1.00
50678	B	0	7	0.48	0.35	0.81
50678	C	0	4	0.89	0.47	1.17
50678	D	0	0	0.00	0.00	0.00
50679	A	1	9	1.98	0.78	1.09
50679	B	0	8	0.26	0.24	0.56
50679	C	0	13	0.94	0.21	1.09
50679	D	0	2	0.33	1.47	1.10
50680	A	1	26	1.40	0.21	0.90
50680	B	0	14	0.47	0.29	1.18
50680	C	0	2	-0.05	0.35	0.45
50680	D	0	2	-1.12	0.57	0.17
50681	A	1	25	2.40	0.47	0.77
50681	B	0	4	0.11	0.35	0.46
50681	C	0	3	0.30	0.55	0.59
50681	D	0	5	0.25	0.42	0.64
50682	A	1	8	2.28	0.87	1.44
50682	B	0	9	1.16	0.30	1.07
50682	C	0	7	1.51	0.29	1.30
50682	D	0	11	0.75	0.29	0.68
50683	A	1	10	0.99	0.32	1.44
50683	B	0	12	0.97	0.27	1.62
50683	C	0	3	0.20	0.31	0.56
50683	D	0	8	0.35	0.14	0.63
50684	A	1	11	1.64	0.37	1.09
50684	B	0	9	0.95	0.35	1.27
50684	C	0	5	0.08	0.63	0.59
50684	D	0	10	0.59	0.29	0.78
50685	A	1	10	1.25	0.42	1.44
50685	B	0	4	0.41	0.52	0.81
50685	C	0	4	0.86	0.65	1.34
50685	D	0	12	0.90	0.26	1.17
50686	A	1	10	1.58	0.44	1.57
50686	B	0	3	0.53	0.70	0.62
50686	C	0	10	1.07	0.42	1.38
50686	D	0	13	0.63	0.43	1.18
50687	A	1	12	1.23	0.31	1.00
50687	B	0	4	-0.03	0.39	0.54
50687	C	0	4	0.74	0.19	1.02
50687	D	0	8	-0.22	0.86	1.06

50688	A	1	12	0.79	0.33	1.48
50688	B	0	1	1.01	0.00	1.62
50688	C	0	1	-0.42	0.00	0.39
50688	D	0	4	0.36	0.33	0.98
50689	A	1	9	1.06	0.33	1.20
50689	B	0	6	0.39	0.31	0.83
50689	C	0	11	0.51	0.33	1.16
50689	D	0	6	0.47	0.54	1.38
50690	A	1	10	1.74	0.80	1.53
50690	B	0	8	0.42	0.40	1.05
50690	C	0	7	0.73	0.55	1.78
50690	D	0	5	-0.71	1.30	0.72
50691	A	1	16	1.62	0.46	0.75
50691	B	0	0	0.00	0.00	0.00
50691	C	0	7	0.94	0.47	2.37
50691	D	0	3	-1.80	0.72	0.11
50692	A	1	19	1.37	0.18	0.90
50692	B	0	6	-0.15	0.38	0.48
50692	C	0	4	0.57	0.63	1.16
50692	D	0	7	0.88	0.25	1.14
50693	A	1	34	1.40	0.23	0.82
50693	B	0	3	0.87	0.65	1.59
50693	C	0	3	-0.09	0.32	0.46
50693	D	0	2	-0.90	1.17	0.32
50694	A	1	20	1.36	0.38	1.13
50694	B	0	2	0.54	0.51	0.78
50694	C	0	5	1.33	0.60	2.54
50694	D	0	2	0.53	0.36	0.73
50695	A	1	5	1.72	0.29	0.97
50695	B	0	6	0.66	0.41	0.63
50695	C	0	13	1.81	0.65	2.31
50695	D	0	8	0.38	0.28	0.41
50696	A	1	24	1.44	0.36	0.92
50696	B	0	1	1.27	0.00	1.79
50696	C	0	8	0.05	0.25	0.66
50696	D	0	4	0.00	0.36	0.59
50697	A	1	18	2.04	0.44	0.85
50697	B	0	3	-0.36	0.49	0.33
50697	C	0	13	0.39	0.25	0.73
50697	D	0	1	0.91	0.00	0.91
50698	A	1	17	1.74	0.41	0.89
50698	B	0	6	0.77	0.23	0.87
50698	C	0	5	0.31	0.24	0.54
50698	D	0	4	0.64	0.40	0.84
50699	A	1	10	1.28	0.44	1.71
50699	B	0	2	-0.23	0.86	0.41
50699	C	0	7	1.09	0.51	1.94
50699	D	0	2	-0.30	0.58	0.32
50700	A	1	13	1.85	0.55	0.87
50700	B	0	11	0.61	0.22	1.07
50700	C	0	3	0.05	0.12	0.45
50700	D	0	3	-0.26	0.06	0.32
50701	A	1	12	0.83	0.28	1.56
50701	B	0	12	0.64	0.20	1.06

50701	C	0	7	0.80	0.41	1.51
50701	D	0	2	-0.36	0.01	0.32
50702	A	1	17	1.75	0.44	1.13
50702	B	0	6	0.64	0.45	1.31
50702	C	0	0	0.00	0.00	0.00
50702	D	0	0	0.00	0.00	0.00
50704	A	1	20	1.03	0.28	1.53
50704	B	0	11	0.76	0.30	1.58
50704	C	0	5	0.91	0.48	1.63
50704	D	0	2	-0.52	1.32	0.53
50705	A	1	24	1.95	0.30	0.76
50705	B	0	1	-0.76	0.00	0.15
50705	C	0	5	0.33	0.50	0.65
50705	D	0	1	1.00	0.00	0.85
50706	A	1	10	1.49	0.32	1.24
50706	B	0	22	0.99	0.18	0.98
50706	C	0	2	2.23	1.07	3.34
50706	D	0	0	0.00	0.00	0.00
50707	A	1	18	2.00	0.56	1.26
50707	B	0	10	0.82	0.31	1.08
50707	C	0	11	0.61	0.42	1.43
50707	D	0	0	0.00	0.00	0.00
50709	A	1	17	0.83	0.50	1.55
50709	B	0	2	1.45	1.09	4.60
50709	C	0	3	0.79	0.35	1.62
50709	D	0	0	0.00	0.00	0.00
50710	A	1	25	1.28	0.18	1.09
50710	B	0	4	1.07	0.17	1.12
50710	C	0	15	0.78	0.30	1.40
50710	D	0	1	-1.43	0.00	0.09
50711	A	1	33	1.03	0.19	1.25
50711	B	0	2	1.32	0.32	2.13
50711	C	0	1	0.92	0.00	1.37
50711	D	0	2	-0.12	0.46	0.54
50712	A	1	24	1.35	0.35	0.88
50712	B	0	2	0.05	0.77	0.75
50712	C	0	1	-0.86	0.00	0.23
50712	D	0	0	0.00	0.00	0.00
50713	A	1	18	1.47	0.26	0.79
50713	B	0	14	0.16	0.28	0.90
50713	C	0	1	-0.68	0.00	0.24
50713	D	0	0	0.00	0.00	0.00
50714	A	1	29	1.16	0.29	1.00
50714	B	0	1	0.98	0.00	1.53
50714	C	0	1	-0.90	0.00	0.23
50714	D	0	1	0.55	0.00	0.99
50715	A	1	29	0.92	0.39	2.34
50715	B	0	3	-0.27	0.73	1.25
50715	C	0	0	0.00	0.00	0.00
50715	D	0	0	0.00	0.00	0.00
50716	A	1	26	0.59	0.22	1.00
50716	B	0	2	-0.45	1.26	1.20
50716	C	0	2	-0.76	0.27	0.48
50716	D	0	0	0.00	0.00	0.00

50717	A	1	16	1.35	0.27	0.83
50717	B	0	3	0.48	0.47	0.96
50717	C	0	0	0.00	0.00	0.00
50717	D	0	1	-1.70	0.00	0.09
50718	A	1	26	1.06	0.23	0.99
50718	B	0	0	0.00	0.00	0.00
50718	C	0	1	-0.41	0.00	0.39
50718	D	0	0	0.00	0.00	0.00
50720	A	1	42	1.18	0.23	0.94
50720	B	0	0	0.00	0.00	0.00
50720	C	0	1	-1.07	0.00	0.20
50720	D	0	0	0.00	0.00	0.00
50721	A	1	33	1.17	0.26	0.98
50721	B	0	1	-0.17	0.00	0.45
50721	C	0	0	0.00	0.00	0.00
50721	D	0	0	0.00	0.00	0.00
50722	A	1	23	1.15	0.15	1.03
50722	B	0	0	0.00	0.00	0.00
50722	C	0	1	0.81	0.00	0.92
50722	D	0	0	0.00	0.00	0.00
50723	A	1	31	1.20	0.19	0.81
50723	B	0	0	0.00	0.00	0.00
50723	C	0	0	0.00	0.00	0.00
50723	D	0	3	-0.66	0.75	0.51
50724	A	1	40	0.79	0.21	1.30
50724	B	0	1	-0.52	0.00	0.73
50724	C	0	0	0.00	0.00	0.00
50724	D	0	0	0.00	0.00	0.00
50725	A	1	21	1.23	0.45	0.82
50725	B	0	0	0.00	0.00	0.00
50725	C	0	0	0.00	0.00	0.00
50725	D	0	1	-1.70	0.00	0.15
50726	A	1	35	1.10	0.21	1.03
50726	B	0	0	0.00	0.00	0.00
50726	C	0	1	0.20	0.00	0.73
50726	D	0	1	-0.15	0.00	0.51
50727	A	1	29	1.55	0.39	0.95
50727	B	0	1	0.14	0.00	0.60
50727	C	0	0	0.00	0.00	0.00
50727	D	0	1	-0.64	0.00	0.27
50728	A	1	30	1.47	0.28	0.84
50728	B	0	0	0.00	0.00	0.00
50728	C	0	3	-0.47	0.37	0.35
50728	D	0	1	-0.37	0.00	0.34
50729	A	1	19	1.55	0.32	1.04
50729	B	0	7	0.56	0.40	0.94
50729	C	0	6	0.10	0.25	0.49
50729	D	0	3	1.18	0.51	1.63
50730	A	1	24	1.21	0.17	0.81
50730	B	0	2	0.25	0.42	0.69
50730	C	0	7	0.16	0.36	0.79
50730	D	0	1	-0.61	0.00	0.27
50731	A	1	25	1.21	0.32	1.02
50731	B	0	2	-0.04	0.55	0.60

50731	C	0	6	0.79	0.69	4.19
50731	D	0	2	-0.47	0.67	0.42
50732	A	1	22	1.40	0.39	0.93
50732	B	0	3	-0.56	0.57	0.44
50732	C	0	3	0.50	0.43	1.07
50732	D	0	0	0.00	0.00	0.00
50733	A	1	16	1.24	0.27	1.04
50733	B	0	5	1.06	0.49	2.08
50733	C	0	2	0.53	1.28	1.37
50733	D	0	4	0.13	0.57	0.71
50734	A	1	25	1.28	0.19	0.85
50734	B	0	1	-1.49	0.00	0.10
50734	C	0	1	-0.66	0.00	0.24
50734	D	0	6	0.52	0.28	0.94
50735	A	1	21	0.97	0.38	1.04
50735	B	0	2	0.62	0.31	1.31
50735	C	0	3	0.39	0.29	1.09
50735	D	0	1	-0.85	0.00	0.28
50736	A	1	21	1.04	0.41	0.93
50736	B	0	0	0.00	0.00	0.00
50736	C	0	0	0.00	0.00	0.00
50736	D	0	1	-1.14	0.00	0.26
50737	A	1	4	1.97	0.53	0.85
50737	B	0	23	1.04	0.20	1.02
50737	C	0	0	0.00	0.00	0.00
50737	D	0	3	0.49	0.46	0.47
50738	A	1	24	1.32	0.18	0.70
50738	B	0	3	0.00	0.44	0.60
50738	C	0	3	-0.05	0.28	0.52
50738	D	0	1	-3.25	0.00	0.02
50739	A	1	35	0.97	0.18	0.93
50739	B	0	1	-1.28	0.00	0.19
50739	C	0	1	-0.76	0.00	0.33
50739	D	0	4	-0.19	0.49	0.75
50740	A	1	23	1.39	0.49	1.06
50740	B	0	4	0.53	0.43	1.50
50740	C	0	0	0.00	0.00	0.00
50740	D	0	3	-0.89	1.09	0.57
50741	A	1	29	1.24	0.32	1.06
50741	B	0	7	0.38	0.36	1.14
50741	C	0	5	-0.26	0.24	0.53
50741	D	0	1	-0.94	0.00	0.23
50742	A	1	30	1.20	0.29	0.95
50742	B	0	0	0.00	0.00	0.00
50742	C	0	1	2.38	0.00	6.01
50742	D	0	5	-0.20	0.78	0.99
50743	A	1	33	1.10	0.27	1.19
50743	B	0	2	0.97	0.92	2.06
50743	C	0	3	0.91	0.15	1.36
50743	D	0	1	0.54	0.00	0.92
50744	A	1	18	1.62	0.24	1.00
50744	B	0	18	0.64	0.16	0.78
50744	C	0	2	0.92	0.17	0.83
50744	D	0	1	1.36	0.00	1.28

50745	A	1	17	1.10	0.25	1.10
50745	B	0	1	-0.72	0.00	0.22
50745	C	0	12	0.65	0.24	1.26
50745	D	0	3	0.49	0.08	0.75
50746	A	1	18	2.16	0.52	0.80
50746	B	0	9	0.59	0.25	0.93
50746	C	0	2	0.11	0.37	0.44
50746	D	0	5	0.22	0.28	0.53
50747	A	1	21	1.27	0.27	1.33
50747	B	0	5	0.51	0.35	0.86
50747	C	0	3	0.77	0.51	1.13
50747	D	0	1	1.50	0.00	1.86
50748	A	1	25	1.88	0.32	0.84
50748	B	0	2	-0.04	0.22	0.34
50748	C	0	3	0.40	0.75	0.78
50748	D	0	0	0.00	0.00	0.00
50749	A	1	30	1.67	0.29	0.82
50749	B	0	5	-0.12	0.45	0.51
50749	C	0	3	0.42	0.41	0.74
50749	D	0	4	0.42	0.52	0.91
50750	A	1	6	1.19	0.21	1.24
50750	B	0	4	0.62	0.54	0.81
50750	C	0	12	0.96	0.23	0.94
50750	D	0	6	1.61	0.60	3.06
50751	A	1	8	0.57	0.23	1.98
50751	B	0	14	0.64	0.22	0.85
50751	C	0	4	0.94	1.11	2.43
50751	D	0	9	1.11	0.56	2.36
50752	A	1	6	2.05	0.44	0.78
50752	B	0	12	1.32	0.30	1.27
50752	C	0	10	0.82	0.33	0.88
50752	D	0	14	0.82	0.30	0.87
50753	A	1	9	0.85	0.42	2.21
50753	B	0	18	0.97	0.27	1.44
50753	C	0	1	1.89	0.00	2.19
50753	D	0	3	0.38	0.66	0.72
50754	A	1	10	1.95	0.69	1.18
50754	B	0	13	0.79	0.33	1.06
50754	C	0	0	0.00	0.00	0.00
50754	D	0	1	1.55	0.00	1.35
50755	A	1	8	1.21	0.57	3.70
50755	B	0	19	1.70	0.44	1.67
50755	C	0	0	0.00	0.00	0.00
50755	D	0	1	-0.46	0.00	0.12
50756	A	1	11	2.96	0.77	0.59
50756	B	0	4	0.17	0.58	0.56
50756	C	0	3	0.85	0.20	0.68
50756	D	0	9	0.30	0.50	0.85
50757	A	1	5	1.54	0.73	2.57
50757	B	0	15	1.15	0.36	1.66
50757	C	0	2	0.16	1.18	0.52
50757	D	0	7	0.12	0.28	0.38
50758	A	1	19	1.66	0.28	1.11
50758	B	0	2	-0.10	1.04	0.49

50758	C	0	4	0.58	0.40	0.76
50758	D	0	18	0.65	0.16	0.82
50759	A	1	15	1.02	0.22	0.94
50759	B	0	4	0.48	0.23	0.87
50759	C	0	4	0.46	0.55	1.13
50759	D	0	8	0.26	0.49	1.42
50760	A	1	4	1.07	0.68	1.98
50760	B	0	18	0.86	0.22	1.10
50760	C	0	3	-0.32	0.43	0.27
50760	D	0	8	1.03	0.42	1.41
50761	A	1	18	1.66	0.42	0.77
50761	B	0	3	0.50	0.29	0.89
50761	C	0	4	-0.19	0.45	0.59
50761	D	0	4	-0.29	0.56	0.52
50762	A	1	15	2.19	0.46	0.63
50762	B	0	4	0.53	0.43	0.75
50762	C	0	5	0.36	0.31	0.57
50762	D	0	6	0.14	0.33	0.49
50763	A	1	34	1.75	0.34	0.77
50763	B	0	2	-0.38	0.35	0.33
50763	C	0	6	0.75	0.70	2.99
50763	D	0	5	-0.37	0.35	0.42
50764	A	1	26	1.45	0.18	0.91
50764	B	0	4	0.60	0.26	0.82
50764	C	0	3	-0.52	0.12	0.25
50764	D	0	1	0.42	0.00	0.62
50765	A	1	19	1.54	0.41	0.82
50765	B	0	2	-0.19	0.45	0.48
50765	C	0	4	-0.10	0.29	0.54
50765	D	0	7	0.14	0.34	0.89
50766	A	1	22	1.32	0.22	0.85
50766	B	0	1	-1.58	0.00	0.12
50766	C	0	4	-0.30	0.27	0.46
50766	D	0	1	-0.08	0.00	0.52
50767	A	1	26	1.43	0.32	0.89
50767	B	0	4	-0.11	0.25	0.51
50767	C	0	4	0.23	0.40	0.84
50767	D	0	2	-0.11	0.10	0.47
50768	A	1	24	1.33	0.23	1.16
50768	B	0	2	0.50	0.38	0.76
50768	C	0	4	0.58	0.69	1.27
50768	D	0	1	-0.01	0.00	0.43
50769	A	1	20	1.75	0.40	0.73
50769	B	0	5	0.21	0.70	1.89
50769	C	0	2	-1.46	0.46	0.13
50769	D	0	4	0.15	0.32	0.65
50770	A	1	11	2.28	0.63	0.88
50770	B	0	3	0.31	0.73	0.78
50770	C	0	8	0.50	0.35	0.79
50770	D	0	1	0.03	0.00	0.34
50771	A	1	23	1.16	0.20	0.89
50771	B	0	4	0.12	0.54	0.80
50771	C	0	2	0.08	0.37	0.59
50771	D	0	1	0.12	0.00	0.57

50772	A	1	27	1.39	0.31	1.02
50772	B	0	0	0.00	0.00	0.00
50772	C	0	8	0.64	0.32	1.24
50772	D	0	3	-0.36	0.49	0.42
50773	A	1	24	1.43	0.36	0.93
50773	B	0	3	0.22	0.37	0.83
50773	C	0	2	-0.81	0.97	0.39
50773	D	0	1	-0.91	0.00	0.23
50774	A	1	17	1.08	0.30	0.96
50774	B	0	0	0.00	0.00	0.00
50774	C	0	1	-0.24	0.00	0.44
50774	D	0	0	0.00	0.00	0.00
50775	A	1	8	1.79	0.35	0.76
50775	B	0	4	0.99	0.05	0.94
50775	C	0	2	0.14	0.32	0.42
50775	D	0	10	0.47	0.21	0.67
50776	A	1	11	1.63	0.33	1.14
50776	B	0	8	0.55	0.24	0.65
50776	C	0	13	1.18	0.26	1.29
50776	D	0	6	0.59	0.22	0.60
50777	A	1	17	1.35	0.25	1.06
50777	B	0	6	0.36	0.30	0.79
50777	C	0	4	0.32	0.42	0.84
50777	D	0	8	0.05	0.27	0.59
50778	A	1	7	1.61	0.50	1.15
50778	B	0	6	0.69	0.36	0.84
50778	C	0	5	0.78	0.77	1.73
50778	D	0	10	0.62	0.33	0.87
50779	A	1	11	0.99	0.31	1.14
50779	B	0	4	-0.14	0.19	0.43
50779	C	0	8	1.18	0.22	1.76
50779	D	0	5	0.11	0.21	0.56
50780	A	1	18	1.43	0.24	1.16
50780	B	0	5	0.47	0.32	0.83
50780	C	0	7	0.37	0.41	1.15
50780	D	0	4	-0.43	0.55	0.42
50781	A	1	20	2.17	0.47	1.01
50781	B	0	5	0.53	0.31	0.57
50781	C	0	1	0.09	0.00	0.31
50781	D	0	8	1.11	0.28	1.11
50782	A	1	20	1.19	0.23	0.93
50782	B	0	6	0.36	0.29	0.95
50782	C	0	4	-0.34	0.31	0.45
50782	D	0	2	-0.34	0.37	0.41
50783	A	1	25	1.26	0.37	0.97
50783	B	0	6	-0.43	0.37	0.58
50783	C	0	0	0.00	0.00	0.00
50783	D	0	3	-0.19	0.27	0.61
50784	A	1	22	1.16	0.25	0.86
50784	B	0	5	-0.21	0.37	0.67
50784	C	0	1	0.37	0.00	0.89
50784	D	0	3	-0.34	0.57	0.57
50785	A	1	19	1.56	0.40	0.75
50785	B	0	2	0.18	0.35	0.63

50785	C	0	3	-0.10	0.16	0.47
50785	D	0	6	0.04	0.30	0.63
50786	A	1	12	1.76	0.28	0.72
50786	B	0	4	0.17	0.44	0.54
50786	C	0	8	0.62	0.39	0.98
50786	D	0	5	0.82	0.36	0.97
50787	A	1	15	2.39	0.44	0.58
50787	B	0	8	0.35	0.21	0.52
50787	C	0	8	0.67	0.24	0.73
50787	D	0	4	-0.09	0.73	0.52
50788	A	1	15	1.46	0.26	0.83
50788	B	0	3	0.86	0.41	1.16
50788	C	0	4	0.21	0.37	0.67
50788	D	0	10	0.08	0.41	0.96
50789	A	1	11	1.39	0.25	0.81
50789	B	0	5	1.20	0.35	1.71
50789	C	0	2	-0.13	0.28	0.37
50789	D	0	5	-0.39	0.67	0.44
50790	A	1	13	0.69	0.28	0.86
50790	B	0	3	-0.24	0.75	1.02
50790	C	0	3	-0.05	0.42	0.94
50790	D	0	5	-0.56	0.32	0.59
50791	A	1	30	1.22	0.23	1.09
50791	B	0	2	0.11	0.87	0.95
50791	C	0	1	-0.04	0.00	0.58
50791	D	0	5	-0.24	0.64	1.40
50792	A	1	24	1.64	0.42	1.03
50792	B	0	1	0.70	0.00	0.87
50792	C	0	6	0.45	0.29	0.83
50792	D	0	0	0.00	0.00	0.00
50793	A	1	27	1.79	0.45	1.09
50793	B	0	4	0.89	0.12	1.05
50793	C	0	5	0.46	0.42	0.92
50793	D	0	1	-0.60	0.00	0.23
50794	A	1	26	1.10	0.35	1.16
50794	B	0	3	0.06	0.26	0.81
50794	C	0	4	0.52	0.47	1.63
50794	D	0	2	-1.46	0.46	0.18
50795	A	1	22	1.89	0.45	0.67
50795	B	0	6	-0.26	0.42	0.55
50795	C	0	6	-0.17	0.23	0.50
50795	D	0	1	-0.51	0.00	0.31
50796	A	1	21	1.61	0.20	0.85
50796	B	0	11	0.81	0.27	1.09
50796	C	0	3	0.41	0.30	0.53
50796	D	0	1	0.93	0.00	0.81
50797	A	1	24	1.49	0.34	0.76
50797	B	0	7	-0.28	0.32	0.62
50797	C	0	1	-0.86	0.00	0.26
50797	D	0	2	-2.78	2.94	0.37
50798	A	1	20	1.42	0.21	1.07
50798	B	0	3	0.52	0.35	0.66
50798	C	0	10	1.12	0.24	1.35
50798	D	0	4	-0.15	0.24	0.32

50799	A	1	15	1.35	0.27	0.91
50799	B	0	1	-0.18	0.00	0.37
50799	C	0	5	0.90	0.08	1.10
50799	D	0	3	-0.46	0.03	0.28
50800	A	1	20	1.45	0.41	1.12
50800	B	0	5	0.42	0.26	0.82
50800	C	0	3	0.83	0.33	1.20
50800	D	0	1	-0.83	0.00	0.21
50801	A	1	2	5.09	1.56	0.13
50801	B	0	3	0.76	0.44	0.57
50801	C	0	12	0.95	0.28	0.97
50801	D	0	9	0.01	0.26	0.29
50802	A	1	9	1.27	0.53	2.08
50802	B	0	4	-0.17	0.31	0.42
50802	C	0	12	0.66	0.22	1.02
50802	D	0	7	0.39	0.38	0.87
50803	A	1	14	1.51	0.25	0.81
50803	B	0	5	-0.14	0.58	0.59
50803	C	0	7	0.44	0.70	1.35
50803	D	0	9	0.24	0.29	0.67
50804	A	1	12	1.92	0.54	1.10
50804	B	0	2	0.23	0.60	0.46
50804	C	0	9	1.10	0.27	1.20
50804	D	0	8	0.36	0.39	0.68
50805	A	1	9	1.97	0.85	1.42
50805	B	0	9	1.29	0.38	1.53
50805	C	0	5	0.36	0.44	0.53
50805	D	0	7	1.00	0.31	0.94
50806	A	1	7	0.73	0.55	2.43
50806	B	0	14	0.75	0.16	0.90
50806	C	0	1	2.70	0.00	5.54
50806	D	0	19	0.64	0.21	0.95
50807	A	1	14	1.98	0.29	0.66
50807	B	0	13	0.50	0.23	0.76
50807	C	0	2	-0.15	0.87	0.39
50807	D	0	8	0.61	0.30	0.77
50808	A	1	9	1.37	0.45	1.11
50808	B	0	10	0.76	0.17	1.01
50808	C	0	4	0.95	0.39	1.35
50808	D	0	8	-0.51	0.55	0.55
50809	A	1	11	3.22	0.96	0.75
50809	B	0	6	0.28	0.40	0.70
50809	C	0	6	0.02	0.32	0.54
50809	D	0	6	0.30	0.22	0.58
50810	A	1	11	2.22	0.81	1.53
50810	B	0	2	0.61	1.03	0.80
50810	C	0	4	0.79	0.70	1.09
50810	D	0	9	1.23	0.25	1.18
50811	A	1	30	1.10	0.17	0.97
50811	B	0	0	0.00	0.00	0.00
50811	C	0	0	0.00	0.00	0.00
50811	D	0	1	-0.10	0.00	0.42
50812	A	1	40	1.15	0.30	0.95
50812	B	0	2	-1.26	0.44	0.24

50812	C	0	1	0.27	0.00	1.00
50812	D	0	2	-0.20	0.37	0.67
50813	A	1	25	1.28	0.33	0.73
50813	B	0	0	0.00	0.00	0.00
50813	C	0	2	-0.98	0.57	0.28
50813	D	0	2	-0.76	0.10	0.31
50814	A	1	24	2.03	0.42	0.97
50814	B	0	1	0.36	0.00	0.47
50814	C	0	1	0.64	0.00	0.63
50814	D	0	1	0.08	0.00	0.35
50815	A	1	39	1.40	0.26	0.96
50815	B	0	3	-0.62	0.21	0.32
50815	C	0	1	-0.40	0.00	0.39
50815	D	0	1	1.21	0.00	1.93
50816	A	1	15	1.67	0.40	1.01
50816	B	0	0	0.00	0.00	0.00
50816	C	0	4	1.55	0.42	2.09
50816	D	0	2	-0.72	0.02	0.18
50817	A	1	24	1.38	0.34	0.84
50817	B	0	0	0.00	0.00	0.00
50817	C	0	3	-0.62	0.30	0.34
50817	D	0	0	0.00	0.00	0.00
50818	A	1	22	1.15	0.20	0.94
50818	B	0	1	-0.32	0.00	0.37
50818	C	0	2	0.40	1.08	1.23
50818	D	0	1	-0.10	0.00	0.46
50819	A	1	26	1.51	0.31	0.97
50819	B	0	0	0.00	0.00	0.00
50819	C	0	0	0.00	0.00	0.00
50819	D	0	2	-0.18	0.04	0.37
50820	A	1	20	1.51	0.41	1.12
50820	B	0	3	0.17	0.78	0.75
50820	C	0	2	1.09	0.24	1.27
50820	D	0	1	0.50	0.00	0.68
50821	A	1	21	1.20	0.26	1.01
50821	B	0	0	0.00	0.00	0.00
50821	C	0	2	0.79	0.78	1.66
50821	D	0	1	-1.14	0.00	0.18
50822	A	1	34	0.98	0.25	0.97
50822	B	0	0	0.00	0.00	0.00
50822	C	0	2	0.90	0.78	1.83
50822	D	0	2	-0.25	0.09	0.44
50823	A	1	24	1.01	0.36	1.05
50823	B	0	0	0.00	0.00	0.00
50823	C	0	1	-0.66	0.00	0.34
50823	D	0	4	0.46	0.44	1.40
50824	A	1	26	1.25	0.17	0.89
50824	B	0	4	0.49	0.36	0.85
50824	C	0	2	-0.54	0.49	0.28
50824	D	0	5	0.69	0.34	1.10
50825	A	1	22	2.18	0.61	1.07
50825	B	0	2	-0.29	0.20	0.43
50825	C	0	1	-0.04	0.00	0.53
50825	D	0	0	0.00	0.00	0.00

50826	A	1	7	1.66	0.53	0.97
50826	B	0	19	0.33	0.23	0.79
50826	C	0	0	0.00	0.00	0.00
50826	D	0	4	0.64	0.39	0.93
50827	A	1	12	1.50	0.64	1.13
50827	B	0	4	0.21	0.22	0.64
50827	C	0	4	0.55	0.59	1.28
50827	D	0	3	0.35	0.56	0.95
50828	A	1	15	1.57	0.18	0.73
50828	B	0	3	0.00	0.78	0.55
50828	C	0	5	0.99	0.77	1.97
50828	D	0	3	-0.04	0.29	0.37
50829	A	1	20	1.51	0.38	0.95
50829	B	0	6	0.13	0.25	0.56
50829	C	0	6	1.11	0.53	2.72
50829	D	0	3	0.11	0.44	0.58
50830	A	1	21	1.70	0.36	0.66
50830	B	0	4	-0.16	0.29	0.47
50830	C	0	1	-0.48	0.00	0.30
50830	D	0	3	-0.53	0.71	0.42
50831	A	1	21	1.15	0.11	0.66
50831	B	0	2	-1.35	0.88	0.21
50831	C	0	6	0.29	0.41	1.01
50831	D	0	5	-0.45	0.47	0.53
50832	A	1	24	1.32	0.19	0.87
50832	B	0	1	0.36	0.00	0.67
50832	C	0	3	0.36	0.64	0.98
50832	D	0	1	-1.56	0.00	0.10
50833	A	1	12	2.12	0.35	0.66
50833	B	0	8	0.65	0.28	0.85
50833	C	0	6	-0.11	0.37	0.42
50833	D	0	8	0.42	0.40	0.73
50834	A	1	14	1.95	0.55	0.84
50834	B	0	7	-0.12	0.31	0.46
50834	C	0	4	0.79	0.29	1.00
50834	D	0	2	0.88	0.09	0.96
50835	A	1	19	1.16	0.23	0.90
50835	B	0	0	0.00	0.00	0.00
50835	C	0	3	-0.03	0.77	0.88
50835	D	0	1	0.06	0.00	0.57
50836	A	1	28	1.36	0.32	1.06
50836	B	0	2	0.23	0.28	0.84
50836	C	0	0	0.00	0.00	0.00
50836	D	0	1	-1.69	0.00	0.12
50837	A	1	20	1.45	0.21	0.81
50837	B	0	2	-0.34	0.61	0.36
50837	C	0	12	0.35	0.12	0.66
50837	D	0	3	0.53	0.63	0.99
50838	A	1	34	1.59	0.33	1.05
50838	B	0	0	0.00	0.00	0.00
50838	C	0	2	0.20	0.35	0.58
50838	D	0	0	0.00	0.00	0.00
50839	A	1	19	0.83	0.26	0.96
50839	B	0	0	0.00	0.00	0.00

50839	C	0	1	0.71	0.00	1.74
50839	D	0	3	-1.85	1.94	0.65
50840	A	1	26	1.22	0.37	1.10
50840	B	0	0	0.00	0.00	0.00
50840	C	0	1	1.84	0.00	4.20
50840	D	0	4	-0.27	0.38	0.60
50841	A	1	24	1.14	0.28	0.96
50841	B	0	2	0.18	0.75	1.14
50841	C	0	1	-0.49	0.00	0.45
50841	D	0	2	-1.17	0.77	0.30
50842	A	1	6	3.10	1.13	1.54
50842	B	0	2	-0.60	0.22	0.08
50842	C	0	23	1.57	0.38	1.15
50842	D	0	5	1.64	0.42	1.03
50843	A	1	8	1.03	0.64	3.25
50843	B	0	2	0.41	0.46	0.52
50843	C	0	20	0.94	0.23	1.34
50843	D	0	5	0.46	0.49	0.86
50844	A	1	29	0.90	0.18	0.81
50844	B	0	1	-0.64	0.00	0.40
50844	C	0	1	-0.13	0.00	0.66
50844	D	0	1	-2.07	0.00	0.09
50845	A	1	27	0.90	0.16	1.09
50845	B	0	4	0.86	0.91	3.51
50845	C	0	2	-0.58	0.70	0.42
50845	D	0	0	0.00	0.00	0.00
50846	A	1	23	1.55	0.36	0.98
50846	B	0	0	0.00	0.00	0.00
50846	C	0	0	0.00	0.00	0.00
50846	D	0	2	0.27	0.17	0.54
50847	A	1	36	1.00	0.16	0.90
50847	B	0	1	-1.28	0.00	0.18
50847	C	0	2	1.28	0.29	2.41
50847	D	0	2	-1.27	0.66	0.22
50848	A	1	24	1.61	0.39	1.03
50848	B	0	3	0.71	0.28	0.98
50848	C	0	3	0.89	0.23	1.15
50848	D	0	5	0.93	1.31	0.98
50849	A	1	21	1.30	0.40	1.13
50849	B	0	0	0.00	0.00	0.00
50849	C	0	1	0.54	0.00	0.92
50849	D	0	8	0.75	0.78	1.07
50850	A	1	11	2.97	0.99	1.05
50850	B	0	10	0.68	0.28	0.85
50850	C	0	8	0.87	0.38	1.09
50850	D	0	16	0.55	0.20	0.69
50851	A	1	23	1.17	0.19	0.93
50851	B	0	0	0.00	0.00	0.00
50851	C	0	1	-0.58	0.00	0.26
50851	D	0	0	0.00	0.00	0.00
50852	A	1	20	0.95	0.25	1.04
50852	B	0	6	-0.05	0.29	0.72
50852	C	0	2	0.71	0.29	1.29
50852	D	0	0	0.00	0.00	0.00

50853	A	1	28	1.66	0.43	0.87
50853	B	0	1	0.17	0.00	0.95
50853	C	0	0	0.00	0.00	0.00
50853	D	0	2	-1.62	0.19	0.16
50854	A	1	26	1.01	0.33	1.10
50854	B	0	1	0.95	0.00	1.80
50854	C	0	1	0.85	0.00	1.62
50854	D	0	1	-0.83	0.00	0.30
50855	A	1	34	1.29	0.26	1.05
50855	B	0	0	0.00	0.00	0.00
50855	C	0	0	0.00	0.00	0.00
50855	D	0	3	0.65	0.43	1.10
50857	A	1	30	1.26	0.29	1.07
50857	B	0	1	1.06	0.00	1.70
50857	C	0	0	0.00	0.00	0.00
50857	D	0	0	0.00	0.00	0.00
50858	A	1	24	0.97	0.21	1.10
50858	B	0	7	0.51	0.47	1.82
50858	C	0	1	0.65	0.00	1.01
50858	D	0	2	0.50	0.21	0.89
50859	A	1	14	1.36	0.30	1.28
50859	B	0	1	-1.54	0.00	0.08
50859	C	0	5	0.49	0.46	0.96
50859	D	0	5	0.78	0.41	1.12
50860	A	1	18	1.91	0.41	0.70
50860	B	0	9	-0.21	0.36	0.65
50860	C	0	2	0.44	0.42	0.76
50860	D	0	0	0.00	0.00	0.00
50861	A	1	21	1.46	0.39	1.14
50861	B	0	7	0.18	0.29	0.67
50861	C	0	10	0.75	0.31	1.40
50861	D	0	3	-1.19	2.28	0.94
50862	A	1	17	2.11	0.44	0.79
50862	B	0	8	0.34	0.53	1.12
50862	C	0	1	-0.42	0.00	0.22
50862	D	0	1	0.87	0.00	0.80
50863	A	1	21	1.01	0.23	1.13
50863	B	0	11	0.70	0.20	1.15
50863	C	0	0	0.00	0.00	0.00
50863	D	0	2	0.57	0.10	0.83
50864	A	1	24	1.31	0.33	1.03
50864	B	0	7	0.07	0.31	0.72
50864	C	0	2	0.88	0.03	1.23
50864	D	0	1	-0.04	0.00	0.49
50865	A	1	29	1.64	0.37	1.01
50865	B	0	3	-0.02	0.35	0.53
50865	C	0	0	0.00	0.00	0.00
50865	D	0	3	0.40	0.46	0.89
50866	A	1	19	0.97	0.18	0.87
50866	B	0	3	0.11	0.34	0.73
50866	C	0	3	-0.29	0.49	0.52
50866	D	0	3	0.41	0.69	1.34
50867	A	1	22	1.37	0.40	1.12
50867	B	0	1	1.33	0.00	1.91

50867	C	0	2	0.31	0.71	0.87
50867	D	0	0	0.00	0.00	0.00
50868	A	1	34	0.97	0.17	0.79
50868	B	0	0	0.00	0.00	0.00
50868	C	0	3	-0.02	0.73	1.32
50868	D	0	2	-3.16	2.56	0.22
50869	A	1	26	1.14	0.21	0.92
50869	B	0	0	0.00	0.00	0.00
50869	C	0	5	-0.15	0.36	0.60
50869	D	0	1	0.64	0.00	1.03
50870	A	1	26	1.62	0.34	1.06
50870	B	0	1	-0.72	0.00	0.25
50870	C	0	0	0.00	0.00	0.00
50870	D	0	0	0.00	0.00	0.00
50871	A	1	16	1.51	0.40	1.13
50871	B	0	4	0.55	0.25	0.93
50871	C	0	8	0.33	0.27	0.88
50871	D	0	3	-1.90	1.91	0.33
50872	A	1	21	1.53	0.39	0.88
50872	B	0	1	0.29	0.00	0.69
50872	C	0	4	-0.21	0.82	1.16
50872	D	0	2	0.23	0.45	0.72
50873	A	1	1	0.41	0.00	2.96
50873	B	0	15	1.26	0.24	1.20
50873	C	0	3	0.51	1.04	1.00
50873	D	0	8	0.96	0.31	0.82
50874	A	1	30	1.19	0.32	1.19
50874	B	0	8	0.04	0.29	0.96
50874	C	0	2	0.03	0.65	0.81
50874	D	0	0	0.00	0.00	0.00
50875	A	1	22	1.40	0.25	1.05
50875	B	0	2	-0.36	0.14	0.36
50875	C	0	2	-0.56	0.44	0.31
50875	D	0	2	0.61	0.87	1.30
50876	A	1	18	0.82	0.27	1.50
50876	B	0	8	0.89	0.36	2.12
50876	C	0	2	0.88	0.01	1.19
50876	D	0	3	0.45	0.42	0.90
50877	A	1	10	1.47	0.37	1.25
50877	B	0	20	0.83	0.22	1.00
50877	C	0	4	0.18	0.36	0.45
50877	D	0	4	1.28	0.69	1.92
50878	A	1	38	1.07	0.18	0.93
50878	B	0	1	-1.31	0.00	0.18
50878	C	0	2	-0.40	0.42	0.48
50878	D	0	1	-0.05	0.00	0.62
50879	A	1	23	1.56	0.37	0.78
50879	B	0	3	-0.51	0.40	0.36
50879	C	0	3	0.37	0.47	0.92
50879	D	0	1	-0.47	0.00	0.31
50880	A	1	29	1.82	0.31	0.86
50880	B	0	3	0.56	0.73	1.06
50880	C	0	2	0.06	0.23	0.41
50880	D	0	1	-0.72	0.00	0.18

50881	A	1	20	1.53	0.42	0.96
50881	B	0	2	0.10	0.72	0.83
50881	C	0	7	-0.18	0.40	0.79
50881	D	0	4	-0.36	0.15	0.43
50882	A	1	24	1.55	0.31	0.82
50882	B	0	3	0.25	0.20	0.56
50882	C	0	7	0.33	0.40	1.04
50882	D	0	3	0.37	0.35	0.69
50883	A	1	19	1.55	0.39	0.90
50883	B	0	10	0.73	0.42	2.27
50883	C	0	4	0.38	0.23	0.72
50883	D	0	3	-1.66	0.91	0.19
50884	A	1	28	1.57	0.31	1.03
50884	B	0	3	0.20	0.68	0.71
50884	C	0	2	0.90	0.78	1.29
50884	D	0	0	0.00	0.00	0.00
50885	A	1	19	1.50	0.38	0.77
50885	B	0	2	-0.29	0.09	0.38
50885	C	0	1	0.89	0.00	1.23
50885	D	0	5	-0.11	0.56	0.89
50886	A	1	7	2.44	0.67	0.58
50886	B	0	1	-1.08	0.00	0.11
50886	C	0	31	0.68	0.12	0.76
50886	D	0	2	0.11	0.24	0.37
50887	A	1	38	1.48	0.31	0.83
50887	B	0	0	0.00	0.00	0.00
50887	C	0	2	-1.24	0.32	0.19
50887	D	0	0	0.00	0.00	0.00
50888	A	1	846	1.72	0.05	1.03
50888	B	0	374	0.52	0.04	0.92
50888	C	0	177	0.34	0.07	0.84
50888	D	0	378	0.46	0.05	0.88
50889	A	1	12	1.53	0.26	0.89
50889	B	0	12	0.34	0.32	0.85
50889	C	0	7	0.71	0.33	0.99
50889	D	0	5	0.74	0.30	0.90
50890	A	1	12	2.00	0.61	1.00
50890	B	0	5	0.69	0.62	1.13
50890	C	0	3	-0.36	0.19	0.24
50890	D	0	4	1.05	0.19	1.01
50891	A	1	23	1.45	0.33	0.86
50891	B	0	1	-0.14	0.00	0.44
50891	C	0	1	-0.24	0.00	0.39
50891	D	0	8	0.03	0.26	0.67
50892	A	1	21	1.69	0.38	1.05
50892	B	0	6	1.28	0.18	1.52
50892	C	0	4	0.09	0.13	0.44
50892	D	0	13	0.16	0.19	0.57
50893	A	1	16	1.20	0.38	0.90
50893	B	0	5	-0.18	0.49	0.82
50893	C	0	1	0.46	0.00	0.91
50893	D	0	5	0.45	0.30	1.09
50894	A	1	15	1.78	0.30	0.97
50894	B	0	5	0.45	0.39	0.71

50894	C	0	2	1.32	0.49	1.38
50894	D	0	5	0.17	0.44	0.54
50895	A	1	18	1.86	0.58	0.99
50895	B	0	3	0.98	0.56	1.70
50895	C	0	2	-0.53	0.25	0.30
50895	D	0	6	0.03	0.50	1.03
50896	A	1	12	2.16	0.69	0.98
50896	B	0	4	0.22	0.17	0.54
50896	C	0	3	0.00	0.25	0.44
50896	D	0	8	-0.16	0.80	0.72
50897	A	1	23	1.94	0.38	0.92
50897	B	0	4	0.35	0.62	0.90
50897	C	0	4	0.81	0.59	1.32
50897	D	0	4	-0.14	0.60	0.56
50898	A	1	24	1.09	0.21	0.95
50898	B	0	1	0.89	0.00	1.28
50898	C	0	2	0.67	1.40	2.12
50898	D	0	2	-0.18	0.80	0.59
50899	A	1	19	1.32	0.42	0.98
50899	B	0	4	0.96	0.29	1.57
50899	C	0	7	-0.19	0.41	0.82
50899	D	0	4	0.28	0.92	2.08
50900	A	1	16	1.93	0.47	1.16
50900	B	0	5	0.93	0.39	0.97
50900	C	0	0	0.00	0.00	0.00
50900	D	0	1	2.13	0.00	2.36
50901	A	1	16	1.24	0.28	1.21
50901	B	0	3	0.29	0.56	0.64
50901	C	0	9	1.04	0.35	1.57
50901	D	0	8	0.59	0.34	0.95
50902	A	1	17	1.94	0.48	0.94
50902	B	0	3	1.41	0.14	1.44
50902	C	0	4	0.51	0.32	0.65
50902	D	0	4	0.35	0.30	0.56
50903	A	1	21	1.21	0.21	1.06
50903	B	0	4	0.01	0.20	0.48
50903	C	0	3	1.66	0.04	2.34
50903	D	0	4	-0.14	0.49	0.51
50904	A	1	33	1.10	0.18	1.12
50904	B	0	1	0.45	0.00	0.73
50904	C	0	3	1.32	0.29	1.91
50904	D	0	0	0.00	0.00	0.00
50905	A	1	25	1.54	0.23	1.23
50905	B	0	4	-0.08	0.45	0.52
50905	C	0	2	0.26	0.10	0.56
50905	D	0	1	-0.58	0.00	0.30
50906	A	1	26	1.62	0.33	0.92
50906	B	0	4	0.35	0.38	0.70
50906	C	0	3	1.37	0.13	1.64
50906	D	0	4	-0.42	0.52	0.39
50907	A	1	15	1.11	0.27	1.09
50907	B	0	1	-0.95	0.00	0.21
50907	C	0	8	0.56	0.20	1.08
50907	D	0	3	-2.18	2.00	0.62

50908	A	1	23	1.13	0.23	1.10
50908	B	0	5	0.25	0.50	1.09
50908	C	0	0	0.00	0.00	0.00
50908	D	0	3	0.30	0.67	0.98
50909	A	1	32	1.12	0.13	0.97
50909	B	0	0	0.00	0.00	0.00
50909	C	0	2	-0.01	0.28	0.44
50909	D	0	1	1.49	0.00	1.90
50910	A	1	30	1.28	0.22	0.88
50910	B	0	1	0.33	0.00	0.81
50910	C	0	0	0.00	0.00	0.00
50910	D	0	3	-0.71	0.57	0.37
50911	A	1	19	1.95	0.38	0.72
50911	B	0	6	-0.06	0.33	0.51
50911	C	0	5	-0.08	0.31	0.44
50911	D	0	6	0.41	0.33	0.81
50912	A	1	19	1.41	0.20	1.01
50912	B	0	1	1.23	0.00	1.22
50912	C	0	3	0.40	0.28	0.57
50912	D	0	1	0.35	0.00	0.51
50913	A	1	28	1.84	0.35	0.91
50913	B	0	3	-0.42	0.57	0.31
50913	C	0	4	0.99	0.41	1.25
50913	D	0	8	0.32	0.59	1.16
50914	A	1	13	1.93	0.69	6.46
50914	B	0	6	0.63	0.09	0.64
50914	C	0	0	0.00	0.00	0.00
50914	D	0	4	0.40	0.22	0.54
50915	A	1	18	1.67	0.28	0.88
50915	B	0	4	0.18	0.37	0.63
50915	C	0	1	-0.30	0.00	0.31
50915	D	0	1	-0.46	0.00	0.26
50916	A	1	26	1.13	0.21	1.00
50916	B	0	6	-0.32	0.36	0.55
50916	C	0	3	0.33	0.32	0.82
50916	D	0	6	0.55	0.19	1.03
50917	A	1	13	2.59	0.70	0.59
50917	B	0	4	-0.73	0.42	0.26
50917	C	0	2	0.20	0.30	0.54
50917	D	0	7	0.08	0.36	0.62
50918	A	1	11	2.61	0.81	0.56
50918	B	0	2	-0.21	0.34	0.34
50918	C	0	8	0.06	0.29	0.57
50918	D	0	11	0.48	0.25	0.90
50919	A	1	10	3.01	0.89	0.87
50919	B	0	0	0.00	0.00	0.00
50919	C	0	4	1.42	0.47	1.53
50919	D	0	15	0.35	0.30	0.64
50920	A	1	18	1.51	0.27	0.87
50920	B	0	7	0.50	0.25	0.87
50920	C	0	1	-0.64	0.00	0.23
50920	D	0	8	-0.34	0.62	0.90
50921	A	1	10	1.52	0.29	1.25
50921	B	0	7	1.12	0.17	0.88

50921	C	0	6	1.15	0.33	1.08
50921	D	0	0	0.00	0.00	0.00
50922	A	1	17	0.98	0.21	1.04
50922	B	0	3	0.46	0.57	1.07
50922	C	0	10	0.36	0.27	0.97
50922	D	0	1	-0.15	0.00	0.44
50923	A	1	23	2.15	0.42	0.72
50923	B	0	12	0.20	0.36	0.83
50923	C	0	1	-0.92	0.00	0.14
50923	D	0	1	0.72	0.00	0.74
50924	A	1	21	1.05	0.19	1.05
50924	B	0	2	-0.13	0.38	0.49
50924	C	0	5	0.34	0.17	0.79
50924	D	0	4	0.07	0.53	0.85
50925	A	1	19	1.33	0.30	1.25
50925	B	0	7	0.88	0.30	1.32
50925	C	0	3	0.30	0.38	0.66
50925	D	0	8	0.18	0.36	0.77
50926	A	1	13	0.77	0.27	1.28
50926	B	0	2	0.80	0.14	1.25
50926	C	0	3	-0.44	0.49	0.46
50926	D	0	3	1.08	0.11	1.67
50927	A	1	16	1.46	0.25	0.85
50927	B	0	4	0.65	0.40	0.96
50927	C	0	10	0.46	0.24	0.79
50927	D	0	6	-0.01	0.58	0.77
50928	A	1	25	2.03	0.35	0.72
50928	B	0	5	0.57	0.33	0.83
50928	C	0	5	-0.32	0.42	0.41
50928	D	0	6	0.20	0.21	0.51
50929	A	1	9	2.11	0.46	0.88
50929	B	0	4	0.00	0.63	0.46
50929	C	0	14	0.64	0.23	0.91
50929	D	0	6	0.39	0.42	0.76
50930	A	1	22	2.14	0.43	0.65
50930	B	0	4	0.68	0.39	0.99
50930	C	0	2	-0.14	0.47	0.39
50930	D	0	4	-1.03	0.55	0.24
50931	A	1	23	1.37	0.17	0.84
50931	B	0	6	0.60	0.31	0.89
50931	C	0	0	0.00	0.00	0.00
50931	D	0	3	-0.15	0.40	0.40
50932	A	1	20	1.72	0.19	0.64
50932	B	0	3	-0.09	0.89	0.75
50932	C	0	9	0.16	0.34	0.66
50932	D	0	6	0.30	0.24	0.61
50933	A	1	24	1.42	0.35	1.04
50933	B	0	6	0.18	0.27	0.68
50933	C	0	3	1.11	0.20	1.54
50933	D	0	7	0.01	0.31	0.64
50934	A	1	17	1.21	0.28	1.22
50934	B	0	6	1.18	0.42	2.40
50934	C	0	6	0.39	0.33	0.87
50934	D	0	6	-0.10	0.16	0.42

50935	A	1	18	1.08	0.22	1.40
50935	B	0	5	1.12	0.38	1.61
50935	C	0	6	0.80	0.48	1.47
50935	D	0	3	1.28	0.49	1.70
50936	A	1	11	2.50	0.86	0.90
50936	B	0	3	-0.08	0.08	0.34
50936	C	0	6	0.62	0.38	0.91
50936	D	0	8	0.57	0.19	0.73
50937	A	1	22	1.29	0.26	0.93
50937	B	0	1	-0.13	0.00	0.45
50937	C	0	7	0.13	0.37	0.86
50937	D	0	9	0.23	0.25	0.80
50938	A	1	25	1.56	0.20	0.73
50938	B	0	3	0.29	0.52	0.80
50938	C	0	5	-0.25	0.47	0.49
50938	D	0	10	0.06	0.20	0.59
50939	A	1	15	0.98	0.29	1.34
50939	B	0	7	0.33	0.27	0.90
50939	C	0	1	0.15	0.00	0.62
50939	D	0	3	0.33	0.34	0.84
50940	A	1	13	2.06	0.58	0.83
50940	B	0	6	0.72	0.22	0.81
50940	C	0	2	0.02	0.94	0.53
50940	D	0	9	0.48	0.20	0.67
50941	A	1	25	1.01	0.37	1.09
50941	B	0	1	1.13	0.00	2.70
50941	C	0	1	-0.76	0.00	0.40
50941	D	0	1	-0.79	0.00	0.39
50942	A	1	29	0.99	0.25	0.96
50942	B	0	1	3.21	0.00	14.44
50942	C	0	3	0.01	0.47	0.86
50942	D	0	2	-1.07	0.19	0.24
50943	A	1	26	1.91	0.41	1.20
50943	B	0	2	0.96	1.17	1.44
50943	C	0	1	2.31	0.00	3.12
50943	D	0	4	1.20	0.37	1.29
50944	A	1	28	1.60	0.31	1.03
50944	B	0	5	0.57	0.44	1.14
50944	C	0	0	0.00	0.00	0.00
50944	D	0	0	0.00	0.00	0.00
50945	A	1	22	1.26	0.20	0.89
50945	B	0	2	-0.14	0.38	0.44
50945	C	0	5	0.26	0.33	0.76
50945	D	0	0	0.00	0.00	0.00
50946	A	1	25	0.80	0.21	0.76
50946	B	0	0	0.00	0.00	0.00
50946	C	0	3	-0.54	0.59	0.70
50946	D	0	2	-1.81	1.25	0.29
50947	A	1	33	1.06	0.17	0.86
50947	B	0	1	-0.79	0.00	0.27
50947	C	0	3	0.41	0.29	0.96
50947	D	0	4	-0.54	0.25	0.38
50948	A	1	19	1.35	0.20	0.90
50948	B	0	2	0.10	0.80	0.58

50948	C	0	3	0.61	0.56	0.93
50948	D	0	0	0.00	0.00	0.00
50949	A	1	26	1.47	0.31	1.10
50949	B	0	4	1.11	0.35	1.42
50949	C	0	1	-1.07	0.00	0.14
50949	D	0	1	1.94	0.00	2.75
50950	A	1	31	0.87	0.28	1.05
50950	B	0	1	-0.08	0.00	0.71
50950	C	0	2	-0.28	0.78	0.77
50950	D	0	0	0.00	0.00	0.00
50951	A	1	9	2.31	0.77	1.50
50951	B	0	17	0.72	0.18	0.79
50951	C	0	6	0.42	0.38	0.62
50951	D	0	6	0.91	0.46	1.28
50952	A	1	13	1.79	0.57	1.10
50952	B	0	7	0.70	0.23	0.78
50952	C	0	3	1.51	0.09	1.49
50952	D	0	3	0.67	0.35	0.71
50953	A	1	18	1.29	0.23	0.88
50953	B	0	6	0.62	0.38	1.16
50953	C	0	1	-0.73	0.00	0.23
50953	D	0	4	-0.37	0.51	0.46
50954	A	1	14	1.25	0.37	2.19
50954	B	0	5	2.07	0.38	2.86
50954	C	0	1	1.19	0.00	0.95
50954	D	0	5	0.77	0.37	0.86
50955	A	1	6	1.45	0.35	1.04
50955	B	0	1	-0.94	0.00	0.12
50955	C	0	8	1.21	0.24	1.21
50955	D	0	4	0.74	0.26	0.70
50956	A	1	15	1.08	0.24	1.01
50956	B	0	1	0.38	0.00	0.69
50956	C	0	7	0.55	0.37	1.23
50956	D	0	0	0.00	0.00	0.00
50957	A	1	16	2.07	0.61	0.94
50957	B	0	7	0.56	0.31	0.88
50957	C	0	1	0.78	0.00	0.86
50957	D	0	1	-1.13	0.00	0.13
50958	A	1	18	2.37	0.52	0.86
50958	B	0	1	1.30	0.00	0.97
50958	C	0	4	0.61	0.44	0.63
50958	D	0	5	0.82	0.25	0.68
50959	A	1	26	1.69	0.42	1.28
50959	B	0	3	1.10	0.21	1.19
50959	C	0	7	1.26	0.24	1.54
50959	D	0	7	-0.02	0.40	0.59
50960	A	1	18	1.51	0.47	1.43
50960	B	0	9	0.96	0.24	1.34
50960	C	0	7	0.25	0.53	0.95
50960	D	0	3	0.33	0.39	0.65
50961	A	1	34	1.20	0.25	0.98
50961	B	0	1	-0.16	0.00	0.45
50961	C	0	0	0.00	0.00	0.00
50961	D	0	2	0.09	0.30	0.60

50962	A	1	15	1.14	0.25	0.88
50962	B	0	7	0.26	0.26	0.87
50962	C	0	1	-0.17	0.00	0.46
50962	D	0	1	-1.11	0.00	0.18
50963	A	1	32	1.59	0.25	0.74
50963	B	0	7	0.05	0.50	1.06
50963	C	0	1	0.31	0.00	0.60
50963	D	0	1	-1.06	0.00	0.15
50964	A	1	27	0.90	0.21	1.12
50964	B	0	1	-0.56	0.00	0.32
50964	C	0	5	0.98	0.42	2.11
50964	D	0	0	0.00	0.00	0.00
50965	A	1	38	1.36	0.25	1.02
50965	B	0	0	0.00	0.00	0.00
50965	C	0	1	1.31	0.00	1.67
50965	D	0	1	-0.07	0.00	0.42
50966	A	1	32	0.66	0.19	0.93
50966	B	0	0	0.00	0.00	0.00
50966	C	0	0	0.00	0.00	0.00
50966	D	0	4	-0.78	0.13	0.43
50967	A	1	33	1.51	0.28	0.95
50967	B	0	0	0.00	0.00	0.00
50967	C	0	1	-0.46	0.00	0.30
50967	D	0	1	-0.23	0.00	0.39
50968	A	1	23	0.88	0.25	1.02
50968	B	0	1	-1.36	0.00	0.21
50968	C	0	2	0.32	1.40	2.46
50968	D	0	0	0.00	0.00	0.00
50969	A	1	20	0.87	0.16	0.93
50969	B	0	6	0.17	0.22	0.75
50969	C	0	3	0.49	0.04	0.91
50969	D	0	1	-0.30	0.00	0.41
50971	A	1	23	0.97	0.21	0.75
50971	B	0	0	0.00	0.00	0.00
50971	C	0	1	0.61	0.00	1.43
50971	D	0	3	-1.40	0.36	0.22
50972	A	1	33	1.47	0.27	0.94
50972	B	0	1	-0.59	0.00	0.24
50972	C	0	0	0.00	0.00	0.00
50972	D	0	0	0.00	0.00	0.00
50973	A	1	26	1.54	0.29	0.78
50973	B	0	3	-0.14	0.30	0.46
50973	C	0	1	-0.96	0.00	0.19
50973	D	0	4	-0.09	0.41	0.59
50974	A	1	26	1.87	0.32	0.79
50974	B	0	2	-0.74	0.01	0.19
50974	C	0	1	0.55	0.00	0.71
50974	D	0	1	-0.59	0.00	0.23
50975	A	1	17	1.06	0.26	0.94
50975	B	0	1	0.51	0.00	0.97
50975	C	0	4	0.76	0.68	2.70
50975	D	0	4	-0.66	0.43	0.39
50976	A	1	24	0.70	0.21	1.63
50976	B	0	6	0.55	0.48	1.34

50976	C	0	6	0.56	0.34	1.22
50976	D	0	8	0.65	0.46	1.86
50977	A	1	17	1.59	0.24	1.13
50977	B	0	17	1.46	0.43	1.65
50977	C	0	4	-0.11	0.64	0.42
50977	D	0	1	-0.02	0.00	0.27
50978	A	1	17	1.81	0.43	0.81
50978	B	0	5	0.38	0.48	0.75
50978	C	0	6	0.68	0.34	0.88
50978	D	0	3	0.65	0.41	0.80
50979	A	1	20	0.96	0.22	0.99
50979	B	0	3	0.77	0.34	1.38
50979	C	0	7	0.24	0.36	1.14
50979	D	0	2	-1.11	0.86	0.27
50980	A	1	24	1.39	0.36	1.04
50980	B	0	5	-0.34	0.30	0.50
50980	C	0	4	-0.05	0.18	0.57
50980	D	0	2	0.43	0.95	1.30
50981	A	1	8	1.94	0.45	1.74
50981	B	0	3	1.94	0.10	1.65
50981	C	0	8	0.83	0.42	1.13
50981	D	0	3	-0.07	0.82	0.35
50982	A	1	26	1.69	0.30	0.78
50982	B	0	1	0.17	0.00	0.45
50982	C	0	0	0.00	0.00	0.00
50982	D	0	3	-0.02	0.99	0.86
50983	A	1	33	1.90	0.37	1.04
50983	B	0	2	0.48	0.67	0.82
50983	C	0	0	0.00	0.00	0.00
50983	D	0	2	0.30	0.37	0.59
50984	A	1	4	1.63	0.65	1.70
50984	B	0	13	1.19	0.28	1.12
50984	C	0	3	0.71	0.43	0.50
50984	D	0	8	1.28	0.43	1.37
50985	A	1	6	0.34	0.40	3.02
50985	B	0	9	1.35	0.38	2.16
50985	C	0	10	1.24	0.23	1.49
50985	D	0	8	0.05	0.31	0.46
50986	A	1	4	0.46	0.29	2.36
50986	B	0	1	0.99	0.00	0.81
50986	C	0	13	0.78	0.29	1.00
50986	D	0	12	1.19	0.29	1.51
50987	A	1	23	1.00	0.28	1.05
50987	B	0	0	0.00	0.00	0.00
50987	C	0	1	-0.43	0.00	0.45
50987	D	0	1	0.61	0.00	1.29
50988	A	1	10	1.63	0.36	0.93
50988	B	0	5	0.77	0.45	1.01
50988	C	0	11	0.48	0.21	0.69
50988	D	0	2	1.34	0.37	1.37
50989	A	1	13	1.91	0.46	1.29
50989	B	0	18	1.14	0.23	1.23
50989	C	0	2	1.56	0.10	1.21
50989	D	0	10	0.47	0.29	0.59

50990	A	1	16	1.47	0.52	1.57
50990	B	0	8	0.41	0.47	1.39
50990	C	0	10	1.40	0.38	2.78
50990	D	0	10	0.25	0.15	0.53
50991	A	1	7	0.68	0.30	1.29
50991	B	0	5	0.52	0.31	0.98
50991	C	0	5	0.71	0.26	1.14
50991	D	0	8	0.62	0.16	1.00
50992	A	1	13	2.04	0.57	0.97
50992	B	0	4	0.44	0.40	0.73
50992	C	0	7	0.59	0.28	0.79
50992	D	0	6	0.31	0.40	0.68
50993	A	1	21	1.82	0.38	0.74
50993	B	0	3	0.48	0.43	0.78
50993	C	0	10	0.22	0.23	0.65
50993	D	0	3	-0.29	0.47	0.38
50994	A	1	16	1.28	0.26	1.00
50994	B	0	5	0.35	0.44	0.89
50994	C	0	5	0.93	0.36	1.36
50994	D	0	3	-0.30	0.27	0.34
50995	A	1	22	1.19	0.23	1.03
50995	B	0	1	1.71	0.00	2.74
50995	C	0	0	0.00	0.00	0.00
50995	D	0	1	-0.47	0.00	0.30
50996	A	1	23	2.02	0.44	0.79
50996	B	0	3	-0.32	0.18	0.32
50996	C	0	3	-0.25	0.49	0.43
50996	D	0	1	0.88	0.00	1.04
50997	A	1	10	1.79	0.46	1.06
50997	B	0	4	0.28	0.53	0.62
50997	C	0	16	0.70	0.22	0.91
50997	D	0	4	0.83	0.32	0.86
50998	A	1	13	2.40	0.68	0.87
50998	B	0	0	0.00	0.00	0.00
50998	C	0	2	-0.53	0.32	0.20
50998	D	0	7	0.70	0.43	1.08
50999	A	1	22	1.46	0.35	0.83
50999	B	0	5	-0.02	0.39	0.72
50999	C	0	1	0.01	0.00	0.53
50999	D	0	2	-0.45	1.49	0.77
51000	A	1	19	1.44	0.20	0.85
51000	B	0	6	1.00	0.40	1.37
51000	C	0	5	0.07	0.34	0.47
51000	D	0	2	0.23	1.39	0.99
51001	A	1	33	1.21	0.27	0.97
51001	B	0	1	-0.83	0.00	0.25
51001	C	0	3	0.82	1.00	2.88
51001	D	0	0	0.00	0.00	0.00
51002	A	1	34	1.32	0.27	0.95
51002	B	0	3	0.78	0.91	2.55
51002	C	0	3	1.24	2.34	1.34
51002	D	0	5	-0.38	0.55	0.76
51003	A	1	31	1.04	0.30	1.36
51003	B	0	4	1.62	0.60	3.89

51003	C	0	3	1.14	0.98	3.77
51003	D	0	1	-0.56	0.00	0.31
51004	A	1	24	1.63	0.33	1.18
51004	B	0	11	0.94	0.26	1.27
51004	C	0	4	0.49	0.19	0.58
51004	D	0	0	0.00	0.00	0.00
51005	A	1	10	1.45	0.63	0.97
51005	B	0	9	0.34	0.29	1.06
51005	C	0	3	0.42	0.45	1.00
51005	D	0	3	-1.10	0.25	0.20
51006	A	1	18	2.09	0.48	0.83
51006	B	0	9	0.04	0.39	0.87
51006	C	0	3	1.71	0.36	2.18
51006	D	0	3	0.04	1.36	1.68
51007	A	1	27	1.45	0.34	0.91
51007	B	0	10	0.04	0.29	0.81
51007	C	0	1	-0.49	0.00	0.33
51007	D	0	3	0.18	0.18	0.67
51008	A	1	19	1.95	0.32	1.02
51008	B	0	4	0.75	0.19	0.58
51008	C	0	4	1.06	0.62	1.14
51008	D	0	2	1.10	0.04	0.78
51009	A	1	15	1.33	0.49	1.03
51009	B	0	5	0.09	0.59	0.90
51009	C	0	3	0.71	0.88	1.71
51009	D	0	2	0.76	1.62	2.69
51010	A	1	9	1.63	0.80	1.45
51010	B	0	5	1.76	0.62	3.08
51010	C	0	9	0.76	0.33	0.98
51010	D	0	2	-0.12	0.29	0.30
51011	A	1	20	1.41	0.42	1.32
51011	B	0	8	1.12	0.38	2.09
51011	C	0	1	0.27	0.00	0.59
51011	D	0	2	-1.54	1.71	0.27
51012	A	1	9	1.99	0.83	0.89
51012	B	0	10	0.71	0.37	1.34
51012	C	0	4	0.21	0.43	0.68
51012	D	0	3	-0.02	0.04	0.39
51013	A	1	15	1.36	0.23	1.21
51013	B	0	8	1.18	0.37	1.56
51013	C	0	8	0.75	0.19	0.76
51013	D	0	1	0.61	0.00	0.58
51014	A	1	26	1.45	0.34	1.14
51014	B	0	1	1.34	0.00	2.33
51014	C	0	2	-0.28	0.09	0.46
51014	D	0	2	-2.60	3.12	0.52
51016	A	1	27	1.67	0.41	0.96
51016	B	0	4	0.88	0.72	2.56
51016	C	0	3	-0.70	0.69	0.39
51016	D	0	5	0.37	0.38	0.96
51017	A	1	18	0.96	0.21	1.03
51017	B	0	10	0.80	0.31	1.77
51017	C	0	3	-0.26	0.76	0.62
51017	D	0	2	-0.05	0.56	0.55

51018	A	1	18	0.75	0.33	1.66
51018	B	0	7	1.24	0.33	2.28
51018	C	0	1	1.21	0.00	1.74
51018	D	0	4	0.23	0.40	0.81
51019	A	1	17	2.03	0.57	1.33
51019	B	0	3	1.25	0.17	1.17
51019	C	0	0	0.00	0.00	0.00
51019	D	0	1	0.60	0.00	0.59
51020	A	1	38	0.91	0.22	1.09
51020	B	0	1	1.25	0.00	2.37
51020	C	0	1	1.24	0.00	2.35
51020	D	0	0	0.00	0.00	0.00
51021	A	1	22	1.09	0.27	1.44
51021	B	0	1	3.64	0.00	17.29
51021	C	0	1	-1.54	0.00	0.11
51021	D	0	5	0.55	0.15	0.95
51022	A	1	30	0.73	0.22	1.19
51022	B	0	2	-0.65	0.24	0.39
51022	C	0	1	0.00	0.00	0.72
51022	D	0	6	0.86	0.58	4.21
51023	A	1	23	1.27	0.36	1.13
51023	B	0	2	0.34	0.44	0.73
51023	C	0	1	-0.17	0.00	0.40
51023	D	0	4	1.11	0.31	1.65
51024	A	1	30	1.46	0.27	1.15
51024	B	0	1	1.04	0.00	1.32
51024	C	0	1	3.69	0.00	16.31
51024	D	0	4	-0.02	0.55	0.76
51025	A	1	15	1.26	0.21	1.31
51025	B	0	3	1.12	0.29	0.93
51025	C	0	11	1.83	0.66	2.72
51025	D	0	1	0.73	0.00	0.58
51026	A	1	17	1.51	0.49	1.08
51026	B	0	4	0.52	0.71	1.75
51026	C	0	1	-0.01	0.00	0.47
51026	D	0	6	0.54	0.25	0.94
51027	A	1	20	1.72	0.26	1.00
51027	B	0	15	0.53	0.21	0.72
51027	C	0	9	0.75	0.25	0.87
51027	D	0	8	0.81	0.31	0.93
51028	A	1	18	2.05	0.22	0.77
51028	B	0	17	0.82	0.20	0.78
51028	C	0	0	0.00	0.00	0.00
51028	D	0	3	0.70	0.50	0.63
51029	A	1	10	1.60	0.34	0.95
51029	B	0	17	0.62	0.24	0.98
51029	C	0	3	0.28	0.19	0.47
51029	D	0	1	1.42	0.00	1.42
51030	A	1	19	1.57	0.45	1.16
51030	B	0	18	0.53	0.19	0.96
51030	C	0	6	0.11	0.41	0.73
51030	D	0	2	0.40	0.66	0.78
51031	A	1	11	1.32	0.32	0.91
51031	B	0	14	0.50	0.17	0.88

51031	C	0	0	0.00	0.00	0.00
51031	D	0	2	-0.30	0.49	0.37
51032	A	1	15	1.66	0.38	0.96
51032	B	0	17	0.84	0.27	1.52
51032	C	0	1	0.33	0.00	0.47
51032	D	0	2	0.55	0.27	0.61
51034	A	1	3	2.00	0.89	1.21
51034	B	0	2	1.46	0.11	0.85
51034	C	0	16	0.97	0.18	0.66
51034	D	0	12	1.35	0.41	1.55
51035	A	1	16	1.67	0.29	0.82
51035	B	0	8	0.58	0.31	0.96
51035	C	0	9	-0.01	0.19	0.45
51035	D	0	6	0.54	0.08	0.70
51036	A	1	3	1.93	1.14	2.10
51036	B	0	10	1.04	0.30	1.03
51036	C	0	9	0.96	0.44	0.98
51036	D	0	13	0.77	0.25	0.73
51037	A	1	14	0.89	0.25	1.14
51037	B	0	1	-0.41	0.00	0.34
51037	C	0	5	0.89	0.39	1.55
51037	D	0	0	0.00	0.00	0.00
51038	A	1	35	0.79	0.27	1.14
51038	B	0	3	0.13	0.14	0.88
51038	C	0	3	0.27	0.30	1.09
51038	D	0	0	0.00	0.00	0.00
51039	A	1	2	1.59	1.56	2.23
51039	B	0	1	1.10	0.00	0.69
51039	C	0	11	0.69	0.37	0.84
51039	D	0	18	1.03	0.27	1.13
51040	A	1	3	0.19	0.92	5.10
51040	B	0	6	0.85	0.43	1.18
51040	C	0	3	0.93	0.93	1.35
51040	D	0	15	0.76	0.32	1.12
51041	A	1	6	0.83	0.60	2.33
51041	B	0	8	0.39	0.41	1.10
51041	C	0	1	0.81	0.00	0.86
51041	D	0	13	0.50	0.42	1.23
51042	A	1	5	2.75	1.33	0.79
51042	B	0	5	0.29	0.17	0.37
51042	C	0	5	1.31	0.21	1.04
51042	D	0	9	1.39	0.86	1.82
51043	A	1	7	0.60	0.29	2.31
51043	B	0	7	1.53	0.44	2.54
51043	C	0	9	0.40	0.39	0.83
51043	D	0	22	0.77	0.23	1.31
51044	A	1	11	2.33	0.68	2.21
51044	B	0	10	1.57	0.32	1.37
51044	C	0	1	1.18	0.00	0.66
51044	D	0	8	0.63	0.45	0.97
51045	A	1	7	0.84	0.44	1.30
51045	B	0	11	0.36	0.37	1.40
51045	C	0	0	0.00	0.00	0.00
51045	D	0	10	0.07	0.21	0.71

51046	A	1	15	2.56	0.72	1.05
51046	B	0	14	0.83	0.14	0.85
51046	C	0	5	0.41	0.32	0.60
51046	D	0	5	0.20	0.32	0.47
51047	A	1	26	2.14	0.47	1.00
51047	B	0	12	0.64	0.20	0.84
51047	C	0	4	0.16	0.21	0.46
51047	D	0	5	0.43	0.02	0.56
51048	A	1	14	1.34	0.29	1.05
51048	B	0	5	0.87	0.31	1.13
51048	C	0	4	0.16	0.41	0.61
51048	D	0	3	0.72	0.39	0.95
51049	A	1	9	1.79	0.85	1.67
51049	B	0	10	1.18	0.25	1.21
51049	C	0	7	0.79	0.34	0.84
51049	D	0	7	0.76	0.47	1.04
51050	A	1	12	1.75	0.35	1.28
51050	B	0	8	1.21	0.22	1.09
51050	C	0	12	0.99	0.19	0.94
51050	D	0	7	0.30	0.21	0.43
51051	A	1	32	1.64	0.35	1.31
51051	B	0	0	0.00	0.00	0.00
51051	C	0	3	0.75	0.18	0.94
51051	D	0	2	-0.03	0.04	0.42
51052	A	1	21	1.42	0.22	0.97
51052	B	0	1	0.54	0.00	0.66
51052	C	0	6	0.24	0.38	0.69
51052	D	0	2	1.34	0.00	1.46
51053	A	1	26	1.21	0.19	0.93
51053	B	0	3	0.85	1.35	4.90
51053	C	0	3	0.52	0.73	1.27
51053	D	0	2	-0.64	0.70	0.33
51054	A	1	22	1.47	0.49	1.25
51054	B	0	3	-0.51	0.68	0.51
51054	C	0	2	0.34	1.28	1.65
51054	D	0	3	0.17	0.12	0.73
51055	A	1	26	1.03	0.34	1.02
51055	B	0	2	0.07	0.21	0.84
51055	C	0	0	0.00	0.00	0.00
51055	D	0	2	-0.85	0.16	0.33
51056	A	1	23	1.15	0.23	1.13
51056	B	0	3	0.65	0.80	2.22
51056	C	0	5	-0.33	0.21	0.48
51056	D	0	5	-0.52	0.41	0.50
51057	A	1	21	1.59	0.36	0.77
51057	B	0	1	0.24	0.00	0.60
51057	C	0	5	-0.34	0.23	0.37
51057	D	0	1	0.71	0.00	0.96
51058	A	1	14	1.04	0.23	0.79
51058	B	0	0	0.00	0.00	0.00
51058	C	0	5	-0.25	0.47	0.65
51058	D	0	4	-0.10	0.36	0.71
51059	A	1	24	1.78	0.32	0.66
51059	B	0	2	-1.15	0.43	0.18

51059	C	0	6	-0.16	0.16	0.47
51059	D	0	2	-1.13	0.69	0.21
51060	A	1	29	1.60	0.21	0.82
51060	B	0	1	-0.32	0.00	0.30
51060	C	0	5	0.45	0.25	0.73
51060	D	0	1	-1.92	0.00	0.06
51061	A	1	18	1.05	0.24	0.98
51061	B	0	3	0.59	0.52	1.27
51061	C	0	7	-0.10	0.40	0.81
51061	D	0	1	0.32	0.00	0.77
51062	A	1	14	2.03	0.22	0.71
51062	B	0	2	0.04	0.93	0.40
51062	C	0	2	-0.36	1.46	0.41
51062	D	0	2	1.24	0.33	0.95
51063	A	1	16	1.87	0.59	0.70
51063	B	0	5	-0.40	0.42	0.52
51063	C	0	7	0.05	0.44	1.04
51063	D	0	5	-0.13	0.32	0.65
51064	A	1	27	1.59	0.32	1.16
51064	B	0	1	1.89	0.00	2.26
51064	C	0	1	2.33	0.00	3.50
51064	D	0	2	0.90	0.51	0.96
51065	A	1	23	1.57	0.24	0.89
51065	B	0	4	-0.19	0.58	0.55
51065	C	0	1	0.17	0.00	0.53
51065	D	0	3	-0.01	0.76	0.66
51066	A	1	28	1.88	0.38	1.06
51066	B	0	0	0.00	0.00	0.00
51066	C	0	3	1.51	0.42	1.82
51066	D	0	4	0.34	0.25	0.53
51067	A	1	37	0.99	0.23	0.83
51067	B	0	0	0.00	0.00	0.00
51067	C	0	0	0.00	0.00	0.00
51067	D	0	4	-0.98	0.40	0.35
51068	A	1	29	1.41	0.25	1.19
51068	B	0	3	0.21	0.14	0.60
51068	C	0	2	0.33	0.05	0.67
51068	D	0	2	-0.46	0.04	0.30
51069	A	1	21	1.41	0.23	0.94
51069	B	0	1	-0.05	0.00	0.44
51069	C	0	3	-0.28	0.53	0.47
51069	D	0	1	0.47	0.00	0.74
51070	A	1	23	1.47	0.35	0.92
51070	B	0	3	0.63	0.17	0.89
51070	C	0	7	0.44	0.49	1.38
51070	D	0	5	0.00	0.25	0.53
51071	A	1	16	1.41	0.15	0.56
51071	B	0	5	0.78	0.29	1.31
51071	C	0	6	-0.46	0.27	0.41
51071	D	0	8	-0.32	0.30	0.49
51072	A	1	19	1.89	0.50	0.88
51072	B	0	5	0.36	0.40	0.79
51072	C	0	7	0.79	0.29	1.22
51072	D	0	6	-0.06	0.28	0.47

51073	A	1	13	2.30	0.55	1.12
51073	B	0	6	0.21	0.33	0.47
51073	C	0	4	1.04	0.33	1.01
51073	D	0	7	0.36	0.32	0.59
51074	A	1	16	1.43	0.28	1.00
51074	B	0	3	-0.21	0.57	0.48
51074	C	0	1	-0.07	0.00	0.43
51074	D	0	3	0.34	0.63	0.88
51075	A	1	22	0.97	0.24	0.98
51075	B	0	5	0.10	0.29	0.81
51075	C	0	7	0.30	0.37	1.23
51075	D	0	1	-0.73	0.00	0.29
51076	A	1	16	1.87	0.20	0.87
51076	B	0	5	1.01	0.22	0.70
51076	C	0	4	0.76	0.57	0.87
51076	D	0	6	1.38	0.35	1.23
51077	A	1	23	1.63	0.33	0.79
51077	B	0	4	0.26	0.52	0.76
51077	C	0	6	0.90	0.44	1.64
51077	D	0	3	-0.28	0.66	0.47
51078	A	1	10	1.75	0.22	0.65
51078	B	0	12	1.18	0.17	1.23
51078	C	0	11	-0.05	0.38	0.70
51078	D	0	2	-0.09	0.42	0.32
51079	A	1	16	1.71	0.26	0.93
51079	B	0	11	0.65	0.19	0.73
51079	C	0	2	1.35	1.46	2.29
51079	D	0	2	-0.53	0.52	0.22
51080	A	1	14	1.45	0.28	0.80
51080	B	0	1	-1.63	0.00	0.09
51080	C	0	8	0.50	0.22	0.87
51080	D	0	6	0.10	0.32	0.63
51081	A	1	16	1.50	0.45	0.93
51081	B	0	1	-1.93	0.00	0.07
51081	C	0	6	0.63	0.41	1.41
51081	D	0	4	0.01	0.65	1.04
51082	A	1	21	1.25	0.15	0.74
51082	B	0	1	0.30	0.00	0.65
51082	C	0	4	0.51	0.52	1.18
51082	D	0	10	-0.08	0.33	0.67
51083	A	1	31	1.59	0.25	0.68
51083	B	0	2	0.39	0.08	0.70
51083	C	0	6	-0.02	0.35	0.61
51083	D	0	9	-0.21	0.24	0.48
51084	A	1	15	1.64	0.28	0.84
51084	B	0	3	0.48	0.52	0.79
51084	C	0	2	0.13	0.24	0.43
51084	D	0	1	0.32	0.00	0.50
51085	A	1	23	1.95	0.31	0.84
51085	B	0	6	1.05	0.20	0.99
51085	C	0	6	0.39	0.31	0.59
51085	D	0	9	0.32	0.23	0.53
51086	A	1	14	1.46	0.23	0.90
51086	B	0	3	0.61	0.25	0.74

51086	C	0	8	1.10	0.47	2.48
51086	D	0	11	0.05	0.27	0.57
51087	A	1	15	0.94	0.19	1.04
51087	B	0	3	0.55	0.66	1.35
51087	C	0	6	0.59	0.36	1.32
51087	D	0	4	-0.41	0.50	0.50
51088	A	1	16	1.83	0.25	0.90
51088	B	0	5	1.39	0.19	1.16
51088	C	0	4	0.62	0.29	0.56
51088	D	0	3	0.29	0.35	0.40
51089	A	1	7	1.54	0.41	0.87
51089	B	0	5	0.46	0.46	0.92
51089	C	0	1	0.40	0.00	0.59
51089	D	0	4	0.37	0.45	0.81
51090	A	1	11	2.01	0.63	0.87
51090	B	0	5	0.22	0.36	0.55
51090	C	0	4	0.73	0.48	1.02
51090	D	0	6	0.81	0.27	0.96
51091	A	1	18	1.42	0.21	0.75
51091	B	0	0	0.00	0.00	0.00
51091	C	0	3	0.15	0.55	0.69
51091	D	0	2	-0.28	0.38	0.35
51092	A	1	12	1.60	0.31	1.03
51092	B	0	1	0.59	0.00	0.56
51092	C	0	13	0.77	0.22	0.88
51092	D	0	2	0.99	0.25	0.87
51093	A	1	20	1.03	0.23	0.96
51093	B	0	4	-0.05	0.32	0.64
51093	C	0	2	-0.14	0.05	0.51
51093	D	0	3	0.30	0.40	0.90
51094	A	1	36	1.40	0.24	0.99
51094	B	0	0	0.00	0.00	0.00
51094	C	0	2	0.20	0.00	0.50
51094	D	0	1	0.97	0.00	1.08
51095	A	1	23	1.66	0.43	0.97
51095	B	0	2	0.34	0.83	0.93
51095	C	0	2	1.36	0.75	2.43
51095	D	0	5	-0.52	0.74	0.57
51096	A	1	14	0.70	0.28	1.47
51096	B	0	11	1.11	0.32	2.46
51096	C	0	2	0.07	0.79	0.69
51096	D	0	1	-0.16	0.00	0.41
51097	A	1	24	1.08	0.28	1.00
51097	B	0	1	1.40	0.00	2.38
51097	C	0	3	0.00	0.39	0.67
51097	D	0	1	-0.37	0.00	0.41
51098	A	1	33	1.46	0.30	1.07
51098	B	0	3	-0.05	0.35	0.69
51098	C	0	0	0.00	0.00	0.00
51098	D	0	2	-1.05	1.18	0.40
51099	A	1	30	1.42	0.17	0.91
51099	B	0	1	1.90	0.00	2.82
51099	C	0	3	0.26	0.53	0.69
51099	D	0	3	-0.55	0.62	0.35

51100	A	1	21	1.58	0.40	0.94
51100	B	0	3	-0.09	0.45	0.56
51100	C	0	1	-0.03	0.00	0.49
51100	D	0	0	0.00	0.00	0.00
51151	A	1	32	0.93	0.23	0.90
51151	B	0	1	-0.23	0.00	0.61
51151	C	0	0	0.00	0.00	0.00
51151	D	0	1	-1.56	0.00	0.15
51152	A	1	36	1.43	0.30	0.96
51152	B	0	6	0.16	0.40	0.99
51152	C	0	1	-0.69	0.00	0.33
51152	D	0	2	0.18	0.40	0.69
51153	A	1	27	0.82	0.20	1.03
51153	B	0	1	0.60	0.00	1.18
51153	C	0	0	0.00	0.00	0.00
51153	D	0	0	0.00	0.00	0.00
51154	A	1	25	1.19	0.33	1.13
51154	B	0	1	1.88	0.00	3.86
51154	C	0	4	-0.30	0.38	0.54
51154	D	0	1	-0.83	0.00	0.26
51155	A	1	21	1.58	0.41	0.97
51155	B	0	7	0.12	0.17	0.67
51155	C	0	1	-1.07	0.00	0.19
51155	D	0	1	-0.22	0.00	0.44
51156	A	1	19	1.76	0.41	1.05
51156	B	0	5	0.81	0.74	2.09
51156	C	0	14	0.32	0.23	0.70
51156	D	0	1	1.16	0.00	1.18
51157	A	1	26	1.04	0.23	1.50
51157	B	0	4	-0.10	0.41	0.52
51157	C	0	9	1.34	0.37	2.90
51157	D	0	3	0.55	0.55	1.07
51158	A	1	11	1.86	0.68	1.23
51158	B	0	11	0.84	0.17	0.91
51158	C	0	5	0.53	0.22	0.64
51158	D	0	4	0.66	0.58	0.92
51159	A	1	10	2.13	0.21	0.60
51159	B	0	15	1.06	0.26	0.98
51159	C	0	1	-0.78	0.00	0.11
51159	D	0	7	0.77	0.22	0.59
51160	A	1	37	1.17	0.18	1.16
51160	B	0	2	0.23	0.24	0.60
51160	C	0	5	1.11	0.55	2.19
51160	D	0	0	0.00	0.00	0.00
51161	A	1	26	1.67	0.34	1.51
51161	B	0	3	-0.69	0.43	0.20
51161	C	0	9	1.12	0.87	2.01
51161	D	0	5	1.73	0.25	2.22
51162	A	1	15	1.53	0.56	1.49
51162	B	0	7	1.22	0.33	1.60
51162	C	0	2	-0.34	0.41	0.30
51162	D	0	11	0.42	0.34	1.01
51163	A	1	5	2.03	0.47	0.70
51163	B	0	9	0.21	0.48	0.56

51163	C	0	6	0.69	0.67	1.42
51163	D	0	8	0.60	0.65	1.24
51164	A	1	7	3.31	0.82	0.39
51164	B	0	2	0.90	0.04	0.55
51164	C	0	4	0.86	0.18	0.55
51164	D	0	17	0.83	0.18	0.68
51165	A	1	11	1.68	0.40	1.34
51165	B	0	9	0.72	0.36	0.93
51165	C	0	8	0.97	0.19	0.84
51165	D	0	2	0.85	0.12	0.67
51166	A	1	13	2.42	0.51	0.62
51166	B	0	10	0.51	0.30	0.66
51166	C	0	5	1.11	0.37	1.13
51166	D	0	5	0.24	0.46	0.50
51167	A	1	16	1.63	0.29	1.22
51167	B	0	3	1.31	0.63	1.73
51167	C	0	8	0.70	0.38	1.00
51167	D	0	11	0.48	0.34	0.83
51168	A	1	11	2.05	0.30	0.81
51168	B	0	1	1.20	0.00	0.81
51168	C	0	0	0.00	0.00	0.00
51168	D	0	6	0.72	0.20	0.55
51169	A	1	13	1.39	0.20	0.92
51169	B	0	1	2.47	0.00	3.94
51169	C	0	8	1.13	0.23	1.24
51169	D	0	5	-0.14	0.24	0.32
51170	A	1	21	2.04	0.49	0.90
51170	B	0	2	0.25	0.14	0.53
51170	C	0	4	0.47	0.40	0.78
51170	D	0	7	-0.06	0.29	0.48
51171	A	1	18	1.36	0.22	0.78
51171	B	0	3	1.07	0.21	1.36
51171	C	0	3	0.00	0.26	0.48
51171	D	0	5	-0.43	0.70	0.54
51172	A	1	28	1.95	0.31	0.92
51172	B	0	5	0.04	0.32	0.44
51172	C	0	8	0.74	0.29	0.94
51172	D	0	7	0.27	0.23	0.52
51173	A	1	21	0.92	0.28	0.86
51173	B	0	0	0.00	0.00	0.00
51173	C	0	1	0.52	0.00	1.50
51173	D	0	1	-1.97	0.00	0.11
51174	A	1	10	1.75	0.30	0.77
51174	B	0	19	0.73	0.25	1.29
51174	C	0	1	-0.18	0.00	0.28
51174	D	0	4	-0.26	0.69	0.45
51175	A	1	22	0.99	0.22	1.00
51175	B	0	8	0.42	0.18	0.96
51175	C	0	1	-0.89	0.00	0.23
51175	D	0	2	-0.02	0.44	0.61
51176	A	1	3	3.91	2.16	1.26
51176	B	0	8	1.09	0.33	0.98
51176	C	0	13	0.56	0.14	0.48
51176	D	0	11	0.65	0.34	0.86

51177	A	1	2	0.34	0.30	5.93
51177	B	0	3	1.15	0.93	0.72
51177	C	0	17	2.18	0.63	1.55
51177	D	0	5	0.04	1.49	0.60
51178	A	1	15	2.19	0.49	0.69
51178	B	0	6	0.29	0.34	0.54
51178	C	0	4	0.74	0.62	0.99
51178	D	0	6	0.45	0.15	0.54
51179	A	1	14	1.55	0.21	0.99
51179	B	0	8	0.90	0.20	0.82
51179	C	0	4	0.77	0.30	0.72
51179	D	0	5	1.20	0.60	1.69
51180	A	1	17	1.35	0.26	1.21
51180	B	0	1	-0.49	0.00	0.22
51180	C	0	3	1.32	0.18	1.39
51180	D	0	14	0.62	0.25	0.98
51181	A	1	13	0.89	0.25	1.34
51181	B	0	2	1.17	0.17	1.42
51181	C	0	3	1.42	0.33	1.99
51181	D	0	10	0.42	0.32	1.01
51182	A	1	12	1.88	0.31	0.89
51182	B	0	3	0.60	0.68	0.87
51182	C	0	6	0.75	0.36	0.95
51182	D	0	12	0.31	0.28	0.61
51183	A	1	15	1.06	0.22	1.82
51183	B	0	7	1.74	0.38	2.07
51183	C	0	10	2.23	0.68	2.65
51183	D	0	8	0.56	0.21	0.54
51184	A	1	12	1.88	0.59	0.94
51184	B	0	6	0.45	0.26	0.66
51184	C	0	6	0.70	0.32	0.94
51184	D	0	6	0.72	0.41	1.10
51185	A	1	8	2.07	0.26	0.58
51185	B	0	13	0.90	0.21	0.91
51185	C	0	15	0.81	0.24	0.87
51185	D	0	1	0.41	0.00	0.41
51186	A	1	27	1.20	0.33	1.11
51186	B	0	1	-0.59	0.00	0.30
51186	C	0	3	0.10	0.27	0.64
51186	D	0	5	1.12	0.75	2.97
51187	A	1	9	0.94	0.40	2.76
51187	B	0	10	1.59	0.36	1.73
51187	C	0	7	2.09	0.96	1.76
51187	D	0	3	0.28	1.39	1.60
51188	A	1	18	1.47	0.41	1.04
51188	B	0	2	-0.20	0.27	0.40
51188	C	0	1	-0.25	0.00	0.37
51188	D	0	4	1.05	0.87	3.60
51189	A	1	2	1.15	0.03	0.92
51189	B	0	3	-0.21	0.43	0.34
51189	C	0	12	1.12	0.28	1.66
51189	D	0	22	0.54	0.20	0.83
51190	A	1	10	1.59	0.28	0.99
51190	B	0	6	1.73	0.60	3.19

51190	C	0	9	-0.10	0.36	0.41
51190	D	0	11	0.71	0.46	1.09
51191	A	1	3	0.28	0.31	3.94
51191	B	0	7	1.49	0.59	2.40
51191	C	0	2	1.85	0.54	1.43
51191	D	0	18	1.04	0.25	0.91
51192	A	1	1	5.85	0.00	0.07
51192	B	0	13	1.14	0.29	0.69
51192	C	0	6	1.37	0.60	0.97
51192	D	0	10	0.81	0.39	0.59
51193	A	1	8	1.25	0.39	1.72
51193	B	0	4	1.51	0.86	3.49
51193	C	0	19	0.71	0.22	0.99
51193	D	0	7	0.65	0.37	0.91
51194	A	1	8	1.30	0.43	1.49
51194	B	0	6	0.56	0.31	0.73
51194	C	0	11	0.51	0.38	1.23
51194	D	0	7	1.06	0.44	1.88
51195	A	1	15	1.89	0.56	1.62
51195	B	0	5	0.39	0.20	0.47
51195	C	0	20	0.98	0.28	1.56
51195	D	0	6	0.42	0.33	0.58
51196	A	1	9	1.56	0.39	1.17
51196	B	0	25	0.55	0.19	0.95
51196	C	0	2	0.71	0.30	0.74
51196	D	0	2	0.54	0.67	0.74
51197	A	1	8	1.18	0.43	1.86
51197	B	0	30	0.96	0.12	1.10
51197	C	0	1	-0.17	0.00	0.29
51197	D	0	3	-0.60	0.14	0.19
51200	C	0	0	0.00	0.00	0.00
51200	D	0	1	0.75	0.00	0.93

Table 3
 Fifth Grade Progress Monitoring Measure: Number and Operations and Algebra; Form 1 (Mean Measure = -0.16)

Order for Test	Item	Focal Point	Domain	Measure
1	50950	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-2.12
2	50482	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-1.35
3	50346	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.09
4	50011	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.81
5	51076	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.39
6	50456	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.49
7	50948	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.41
8	51065	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.24
9	50931	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.02
10	50643	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.08
11	50320	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.24
12	50937	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.41
13	50920	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.69
14	50932	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.85
15	50789	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.99
16	50194	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.73

Table 3
 Fifth Grade Progress Monitoring Measure: *Number and Operations and Algebra; Form 2 (Mean Measure = -0.18)*

1	50452	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-2.42
2	50608	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.36
3	51100	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.99
4	50791	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.83
5	50480	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.43
6	50498	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.48
7	50616	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.41
8	50492	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.23
9	51075	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.03
10	50035	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.07
11	50319	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.22
12	50321	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.38
13	50199	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.67
14	50188	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.86
15	50631	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.97
16	50191	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.72

Table 3
 Fifth Grade Progress Monitoring Measure: Number and Operations and Algebra; Form 3 (Mean Measure = -0.18)

1	50151	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-2.30
2	50154	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.36
3	50192	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.05
4	50342	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.84
5	50936	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.43
6	50500	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.49
7	50784	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.40
8	50171	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.24
9	50187	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.03
10	50475	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.07
11	50315	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.23
12	50179	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.39
13	50636	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.69
14	50472	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.85
15	50788	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.98
16	50185	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.73

Table 3
Fifth Grade Progress Monitoring Measure: Number and Operations and Algebra; Form 4 (Mean Measure = -0.17)

1	50645	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-2.29
2	50037	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-1.37
3	51051	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.02
4	50646	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.81
5	51073	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.45
6	51054	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.52
7	50797	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.40
8	50316	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.22
9	50045	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.03
10	50159	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	0.07
11	50177	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.21
12	50328	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.38
13	50334	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.61
14	50327	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.84
15	50331	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.03
16	50766	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.72

Table 3
 Fifth Grade Progress Monitoring Measure: Number and Operations and Algebra; Form 5 (Mean Measure = -0.19)

1	50487	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-2.52
2	50601	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.40
3	50495	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.01
4	50304	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.84
5	50787	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.46
6	50771	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.51
7	50341	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.39
8	50181	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.25
9	50190	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.03
10	50916	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.07
11	50461	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.21
12	50013	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.43
13	50902	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	0.63
14	50914	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.83
15	50022	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.03
16	51068	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.69

Table 3
Fifth Grade Progress Monitoring Measure: Number and Operations and Algebra; Form 6 (Mean Measure = -0.17)

1	50483	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-2.10
2	50477	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-1.40
3	50200	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.10
4	50944	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.81
5	51086	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.42
6	50169	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.52
7	50768	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.39
8	50915	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.22
9	51074	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.04
10	51084	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.09
11	50761	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.21
12	50913	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.37
13	51063	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.61
14	50036	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.83
15	51088	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.03
16	50463	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.70

Table 3
 Fifth Grade Progress Monitoring Measure: Number and Operations and Algebra; Form 7 (Mean Measure = -0.16)

1	50454	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-2.06
2	51098	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.45
3	50305	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.05
4	50773	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.85
5	50330	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.47
6	50166	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.48
7	50345	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.40
8	50168	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.24
9	50332	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.04
10	50195	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.09
11	50641	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.20
12	50627	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.43
13	50476	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.69
14	51071	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.84
15	50004	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	1.07
16	50794	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.72

Table 3
Fifth Grade Progress Monitoring Measure: Number and Operations and Algebra; Form 8 (Mean Measure = -0.17)

1	50606	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-2.06
2	50455	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.47
3	50485	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-1.10
4	50307	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.83
5	50178	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.46
6	50496	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.51
7	50908	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.40
8	50048	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.24
9	50620	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.05
10	50649	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.09
11	50314	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.18
12	51077	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.37
13	50322	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.63
14	50491	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.84
15	50642	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	1.04
16	50303	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.70

Table 3
 Fifth Grade Progress Monitoring Measure: Number and Operations and Algebra; Form 9 (Mean Measure = -0.16)

1	50941	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-2.03
2	50910	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.49
3	50156	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.04
4	50165	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.84
5	50024	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.45
6	51053	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.48
7	50040	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.42
8	50183	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.24
9	50800	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.05
10	51061	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.09
11	50615	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.19
12	51082	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.39
13	50338	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.69
14	50777	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.84
15	51079	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.06
16	50621	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.73

Table 3
 Fifth Grade Progress Monitoring Measure: Number and Operations and Algebra; Form 10 (Mean Measure = -0.17)

1	50458	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-2.02
2	50039	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-1.50
3	51097	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.04
4	50344	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.80
5	51092	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	1.45
6	51060	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.52
7	50170	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.41
8	50648	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.22
9	50308	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.05
10	50164	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.09
11	50047	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.20
12	50907	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	0.40
13	50634	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.62
14	50005	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	0.85
15	50336	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.02
16	50310	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.72

Table 3
 Fifth Grade Benchmark Measure: Number and Operations and Algebra; Form 1 (Mean Measure = -0.12)

Order for Test	Item	Focal Point	Domain	Measure
1	51067	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-1.94
2	50196	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-1.25
3	50650	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.93
4	50020	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.87
5	50786	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.47
6	50622	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.48
7	50945	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.39
8	51095	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.21
9	50924	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.01
10	50926	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.10
11	50474	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.25
12	50025	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.43
13	50325	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.70
14	51080	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.87
15	51085	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.07
16	50783	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	-0.65

Table 3
 Fifth Grade Benchmark Measure: Number and Operations and Algebra; Form 2 (Mean Measure = -0.10)

1	50619	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-1.80
2	50611	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-1.29
3	50012	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.94
4	50617	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.86
5	50042	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	1.50
6	50163	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.45
7	50301	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.39
8	50626	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	-0.21
9	50462	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.01
10	50782	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.10
11	50335	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.24
12	50478	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.45
13	50494	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	0.71
14	50632	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	0.87
15	50762	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	1.08
16	51069	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.66

Table 3
 Fifth Grade Benchmark Measure: Number and Operations and Algebra; Form 3 (Mean Measure = -0.10)

1	50618	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-1.77
2	50610	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-1.31
3	50153	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.93
4	50158	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.87
5	50337	Number and Operations and Algebra	Develop fluency with efficient procedures for dividing whole numbers and understand why the procedures work on the basis of place value and number properties.	1.50
6	50466	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.47
7	50792	Number and Operations and Algebra	Select the most appropriate form of the quotient for the solution according to the context.	-0.39
8	51059	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.21
9	50019	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	-0.02
10	50769	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.12
11	50765	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.26
12	50922	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	0.47
13	50312	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.71
14	50917	Number and Operations and Algebra	Develop, discuss, and use accurate, efficient, and generalizable methods to find quotients involving multi-digit dividends.	0.86
15	50174	Number and Operations and Algebra	Select and use appropriate estimation strategies for division problems (overestimate, underestimate, range of estimates) or calculate mentally based on the problem situation when computing with whole numbers.	1.10
16	50603	Number and Operations and Algebra	Apply understanding of models for division (e.g., equal-sized groups, arrays, area models, equal intervals on the number line), place value, properties of operations (commutative, associative, distributive) and the relationship of division to multiplication.	-0.66

Table 4
 Fifth Grade Progress Monitoring Measure: *Geometry, Measurement and Algebra; Form 1 (Mean Measure = 0.09)*

1	50254	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.98
2	51001	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-1.59
3	50284	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-1.24
4	50869	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.86
5	51044	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	2.14
6	50407	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.45
7	50858	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-0.24
8	50705	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.07
9	50900	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.29
10	51017	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.51
11	50593	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	0.77
12	50894	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	0.89
13	50896	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	1.11
14	50291	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.33
15	51046	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	1.60
16	50270	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.77

Table 4
 Fifth Grade Progress Measuring Measure: Geometry, Measurement and Algebra; Form 2 (Mean Measure = 0.08)

1	50853	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-2.05
2	50283	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-1.64
3	51014	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.15
4	50103	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.88
5	50449	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	2.16
6	50872	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.44
7	51155	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.23
8	50749	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-0.04
9	50882	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	0.25
10	50432	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	0.47
11	51172	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	0.73
12	50142	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	0.84
13	50446	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	1.11
14	50110	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	1.39
15	51012	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	1.58
16	50580	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.75

Table 4
 Fifth Grade Progress Monitoring Measure: Geometry, Measurement and Algebra; Form 3 (Mean Measure = 0.08)

1	50263	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-2.04
2	50258	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-1.63
3	50125	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-1.22
4	50898	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-0.93
5	51194	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	2.17
6	51023	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.44
7	50864	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.20
8	50448	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-0.06
9	50265	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.26
10	50584	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	0.47
11	51199	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.76
12	50300	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.85
13	50445	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	1.14
14	50701	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	1.34
15	50150	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	1.60
16	50129	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.76

Table 4
 Fifth Grade Progress Monitoring Measure: Geometry, Measurement and Algebra; Form 4 (Mean Measure = 0.08)

1	50278	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-2.01
2	50868	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.66
3	50146	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-1.16
4	50735	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.85
5	50136	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	2.18
6	50879	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.51
7	50145	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-0.20
8	50702	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.03
9	50863	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.28
10	50426	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	0.48
11	50704	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.70
12	50564	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.84
13	51180	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.08
14	50744	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.27
15	51027	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.61
16	51152	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.75

Table 4
 Fifth Grade Progress Monitoring Measure: *Geometry, Measurement and Algebra; Form 5 (Mean Measure = 0.08)*

1	50581	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-2.05
2	50286	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-1.71
3	50252	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.27
4	51154	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.91
5	51049	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	2.22
6	51186	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.47
7	50885	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.19
8	50128	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.07
9	50404	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.29
10	50733	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	0.50
11	51008	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.71
12	50425	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	0.94
13	50890	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.08
14	51162	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	1.25
15	50292	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.62
16	50717	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.68

Table 4
 Fifth Grade Progress Monitoring Measure: Geometry, Measurement and Algebra; Form 6 (Mean Measure = 0.08)

1	50596	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-1.96
2	50406	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-1.70
3	50251	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.26
4	50865	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.85
5	50553	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	2.15
6	50569	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.49
7	51037	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.18
8	50570	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.03
9	50594	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	0.21
10	50405	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.52
11	50745	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.72
12	51047	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.80
13	50403	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	1.08
14	50707	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	1.26
15	51158	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	1.67
16	51200	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-0.70

Table 4
 Fifth Grade Progress Monitoring Measure: Geometry, Measurement and Algebra; Form 7 (Mean Measure = 0.10)

1	50279	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-1.93
2	50149	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-1.72
3	50277	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-1.21
4	50260	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-0.94
5	51196	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	2.22
6	50554	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.43
7	51188	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.19
8	50585	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.06
9	50600	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.24
10	50428	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	0.52
11	50859	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.69
12	50290	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	0.95
13	50412	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	1.15
14	51035	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	1.27
15	51010	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	1.71
16	50732	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.71

Table 4
 Fifth Grade Progress Monitoring Measure: *Geometry, Measurement and Algebra; Form 8 (Mean Measure = 0.09)*

1	50716	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.88
2	50855	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-1.73
3	50285	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-1.26
4	51022	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.87
5	50877	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	2.22
6	50264	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.46
7	50866	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.19
8	50575	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.06
9	50895	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.20
10	50862	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.56
11	50883	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	0.68
12	50135	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	0.81
13	50133	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	1.10
14	51013	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	1.28
15	50444	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.68
16	50556	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.68

Table 4
 Fifth Grade Progress Monitoring Measure: *Geometry, Measurement and Algebra; Form 9 (Mean Measure = 0.09)*

1	50120	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.88
2	50714	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.76
3	50599	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-1.21
4	51160	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-0.90
5	50706	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	2.20
6	50852	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.42
7	50568	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.25
8	51007	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.04
9	50130	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	0.20
10	50572	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	0.56
11	50597	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.68
12	51006	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.86
13	51030	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.16
14	50557	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	1.29
15	51182	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.69
16	50276	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.76

Table 4
 Fifth Grade Progress Monitoring Measure: *Geometry, Measurement and Algebra; Form 10 (Mean Measure = 0.09)*

1	50253	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.86
2	50595	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-1.76
3	50563	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-1.19
4	50566	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.85
5	51190	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	2.20
6	50119	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.48
7	50582	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.22
8	50438	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.02
9	51011	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.21
10	50408	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.56
11	50598	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.69
12	50746	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.88
13	50888	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	1.08
14	51032	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.37
15	50430	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.60
16	50123	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.71

Table 4
 Fifth Grade Benchmark Measure: Geometry, Measurement and Algebra; Form 1 (Mean Measure = 0.15)

Order for Test	Item	Focal Point	Domain	Measure
1	50723	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-1.85
2	50118	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.56
3	50437	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-1.14
4	50262	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-0.96
5	51041	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	2.26
6	50401	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-0.40
7	50418	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-0.18
8	50297	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	-0.02
9	50296	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.31
10	50713	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.58
11	50131	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	0.78
12	50416	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.95
13	50143	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.17
14	50431	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	1.41
15	51045	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	1.71
16	50138	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	-0.63

Table 4
 Fifth Grade Benchmark Measure: Geometry, Measurement and Algebra; Form 2 (Mean Measure = 0.16)

Order for Test	Item	Focal Point	Domain	Measure
1	50854	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	-1.84
2	50115	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.56
3	50282	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-1.14
4	50592	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	-0.95
5	51159	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	2.27
6	50571	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.39
7	50730	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.16
8	50101	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.00
9	51171	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	0.31
10	51004	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.61
11	50710	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.78
12	51168	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	0.97
13	51169	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	1.17
14	51184	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	1.43
15	50889	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	1.72
16	50874	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.65

Table 4
 Fifth Grade Benchmark Measure: Geometry, Measurement and Algebra; Form 3 (Mean Measure = 0.17)

Order for Test	Item	Focal Point	Domain	Measure
1	50267	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	-1.84
2	50126	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-1.59
3	50578	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-1.13
4	50280	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	-0.96
5	50289	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	2.45
6	50589	Geometry, Measurement and Algebra	Find and justify relationships among the formulas for the areas of different polygons when determining surface area.	-0.39
7	50112	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	-0.14
8	50104	Geometry, Measurement and Algebra	Describe three-dimensional shapes by the number of edges, faces, and/or vertices as well as types of faces.	0.00
9	51009	Geometry, Measurement and Algebra	Recognize volume is an attribute of three-dimensional space.	0.30
10	50583	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	0.62
11	51048	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	0.78
12	51181	Geometry, Measurement and Algebra	Select appropriate units, strategies, and tools for solving problems that involve estimating or measuring volume.	0.98
13	50587	Geometry, Measurement and Algebra	Decompose three-dimensional shapes and find surface areas and volumes of prisms.	1.17
14	50147	Geometry, Measurement and Algebra	Measure necessary attributes of shapes to use area formulas to solve problems.	1.40
15	51166	Geometry, Measurement and Algebra	Determine volume by finding the total number of same-sized units of volume that fill a three-dimensional shape without gaps or overlaps.	1.72
16	50573	Geometry, Measurement and Algebra	Understand a cube that is one unit on an edge is the standard unit for measuring volume.	-0.64

Table 5
 Fifth Grade Progress Monitoring Measure: Number and Operations; Form 1 (Mean Measure = 0.35)

Order for Test	Item	Focal Point	Domain	Measure
1	50666	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.40
2	50065	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.64
3	50821	Number and Operations	Estimate fractions and decimals sums and differences.	-1.43
4	50537	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.98
5	50655	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.67
6	50357	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	-0.32
7	50848	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.03
8	50074	Number and Operations	Estimate fractions and decimals sums and differences.	0.23
9	50375	Number and Operations	Estimate fractions and decimals sums and differences.	0.67
10	50383	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.74
11	50369	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	1.12
12	50507	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.49
13	50210	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.74
14	50997	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	2.01
15	50850	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	2.31
16	50693	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.65

Table 5
 Fifth Grade Progress Monitoring Measure: Number and Operations; Form 2 (Mean Measure = 0.34)

1	50244	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-2.51
2	50096	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.69
3	50367	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.36
4	50974	Number and Operations	Estimate fractions and decimals sums and differences.	-0.99
5	50202	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.71
6	50384	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.31
7	50979	Number and Operations	Estimate fractions and decimals sums and differences.	0.03
8	50550	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.28
9	50382	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.66
10	50087	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.74
11	50502	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.07
12	50374	Number and Operations	Estimate fractions and decimals sums and differences.	1.35
13	50657	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.74
14	50206	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.07
15	50529	Number and Operations	Estimate fractions and decimals sums and differences.	2.27
16	50086	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.63

Table 5
 Fifth Grade Progress Monitoring Measure: Number and Operations; Form 3 (Mean Measure = 0.34)

1	50089	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-2.45
2	50519	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.68
3	50223	Number and Operations	Estimate fractions and decimals sums and differences.	-1.42
4	50075	Number and Operations	Estimate fractions and decimals sums and differences.	-1.02
5	50201	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.72
6	50525	Number and Operations	Estimate fractions and decimals sums and differences.	-0.31
7	50385	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.03
8	50353	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.24
9	50522	Number and Operations	Estimate fractions and decimals sums and differences.	0.66
10	50828	Number and Operations	Estimate fractions and decimals sums and differences.	0.74
11	50699	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	1.08
12	50378	Number and Operations	Estimate fractions and decimals sums and differences.	1.36
13	50685	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.75
14	50058	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.01
15	50686	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	2.32
16	50661	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-0.64

Table 5
 Fifth Grade Progress Monitoring Measure: Number and Operations; Form 4 (Mean Measure = 0.34)

1	50361	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.42
2	50070	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.69
3	50517	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.37
4	50835	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.94
5	50506	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.72
6	50232	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.36
7	50237	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.04
8	50691	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.31
9	50528	Number and Operations	Estimate fractions and decimals sums and differences.	0.66
10	50998	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.74
11	50351	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.06
12	50526	Number and Operations	Estimate fractions and decimals sums and differences.	1.35
13	50652	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.67
14	50051	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.93
15	50843	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	2.38
16	50245	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.62

Table 5
Fifth Grade Progress Monitoring Measure: Number and Operations; Form 5 (Mean Measure = 0.35)

1	50239	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-2.51
2	50388	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.75
3	50389	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.46
4	50814	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.02
5	50505	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.92
6	50228	Number and Operations	Estimate fractions and decimals sums and differences.	-0.33
7	50386	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.04
8	50541	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.24
9	50250	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.68
10	50958	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.74
11	50687	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.06
12	50977	Number and Operations	Estimate fractions and decimals sums and differences.	1.53
13	50988	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.68
14	50684	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.90
15	50951	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.38
16	50227	Number and Operations	Estimate fractions and decimals sums and differences.	-0.50

Table 5
 Fifth Grade Progress Monitoring Measure: Number and Operations; Form 6 (Mean Measure = 0.34)

1	50366	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.39
2	50238	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.73
3	50217	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.46
4	50097	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.93
5	50682	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	2.68
6	50999	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.36
7	50513	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	0.06
8	50355	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.32
9	51000	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.61
10	50078	Number and Operations	Estimate fractions and decimals sums and differences.	0.75
11	50653	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.07
12	50992	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	1.30
13	50671	Number and Operations	Estimate fractions and decimals sums and differences.	1.69
14	50052	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.91
15	50057	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.38
16	50397	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.52

Table 5
 Fifth Grade Progress Monitoring Measure: Number and Operations; Form 7 (Mean Measure = -0.37)

1	40091	Number and Operations	Make change for amounts up to \$10.00.	-2.06
2	10	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.36
3	50846	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.77
4	50813	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.42
5	50818	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.03
6	50654	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.92
7	50076	Number and Operations	Estimate fractions and decimals sums and differences.	-0.29
8	50668	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	0.04
9	50953	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.25
10	50994	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.63
11	50229	Number and Operations	Estimate fractions and decimals sums and differences.	0.76
12	50672	Number and Operations	Estimate fractions and decimals sums and differences.	0.98
13	50990	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.54
14	50676	Number and Operations	Estimate fractions and decimals sums and differences.	1.76
15	50955	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.97
16	50535	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	2.45

Table 5

Fifth Grade Progress Monitoring Measure: Number and Operations; Form 8 (Mean Measure = 0.36)

1	50062	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.32
2	50812	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.81
3	50825	Number and Operations	Estimate fractions and decimals sums and differences.	-1.45
4	50845	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.98
5	50093	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	2.99
6	50820	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-0.32
7	50077	Number and Operations	Estimate fractions and decimals sums and differences.	0.06
8	50246	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.27
9	50079	Number and Operations	Estimate fractions and decimals sums and differences.	0.59
10	50509	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.80
11	50354	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.97
12	50803	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.32
13	50833	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.73
14	50679	Number and Operations	Estimate fractions and decimals sums and differences.	2.00
15	50372	Number and Operations	Estimate fractions and decimals sums and differences.	2.40
16	50243	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.50

Table 5
 Fifth Grade Progress Monitoring Measure: Number and Operations; Form 9 (Mean Measure = 0.36)

1	50967	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.31
2	50836	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.83
3	50073	Number and Operations	Estimate fractions and decimals sums and differences.	-1.41
4	50394	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.99
5	50376	Number and Operations	Estimate fractions and decimals sums and differences.	2.90
6	50524	Number and Operations	Estimate fractions and decimals sums and differences.	-0.29
7	50249	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.02
8	50677	Number and Operations	Estimate fractions and decimals sums and differences.	0.29
9	50993	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.60
10	50521	Number and Operations	Estimate fractions and decimals sums and differences.	0.81
11	50960	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.98
12	50547	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	1.44
13	50536	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.77
14	50981	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	2.01
15	50504	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.40
16	50527	Number and Operations	Estimate fractions and decimals sums and differences.	-0.64

Table 5
Fifth Grade Progress Monitoring Measure: Number and Operations; Form 10 (Mean Measure = 0.37)

1	50987	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-1.94
2	50516	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.67
3	50839	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.93
4	50982	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.52
5	50055	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.69
6	50996	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.05
7	50373	Number and Operations	Estimate fractions and decimals sums and differences.	0.11
8	50681	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.38
9	50827	Number and Operations	Estimate fractions and decimals sums and differences.	0.65
10	50667	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	1.02
11	50377	Number and Operations	Estimate fractions and decimals sums and differences.	1.17
12	50809	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.43
13	50683	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.65
14	50059	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.08
15	50205	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.43
16	50231	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-0.18

Table 5
 Fifth Grade Benchmark Measure: Number and Operations; Form 1 (Mean Measure = 0.44)

Order for Test	Item	Focal Point	Domain	Measure
1	50247	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-2.28
2	50216	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.63
3	50362	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.36
4	50393	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.04
5	50100	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	3.00
6	50830	Number and Operations	Estimate fractions and decimals sums and differences.	-0.24
7	50696	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.07
8	50219	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	0.35
9	50352	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.70
10	50381	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.82
11	50952	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.12
12	50540	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.58
13	50808	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.77
14	50826	Number and Operations	Estimate fractions and decimals sums and differences.	2.13
15	50673	Number and Operations	Estimate fractions and decimals sums and differences.	2.50
16	50396	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.46

Table 5
 Fifth Grade Benchmark Measure: Number and Operations; Form 2 (Mean Measure = 0.45)

Order for Test	Item	Focal Point	Domain	Measure
1	50662	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-2.28
2	50363	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.63
3	50069	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.36
4	50068	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.03
5	50365	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	3.07
6	50221	Number and Operations	Estimate fractions and decimals sums and differences.	-0.23
7	50080	Number and Operations	Estimate fractions and decimals sums and differences.	0.09
8	50957	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.36
9	50234	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.73
10	50692	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	0.82
11	50700	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	1.14
12	50810	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.60
13	50689	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.78
14	50805	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.14
15	50204	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.52
16	50226	Number and Operations	Estimate fractions and decimals sums and differences.	-0.49

Table 5
 Fifth Grade Benchmark Measure: Number and Operations; Form 3 (Mean Measure = 0.46)

Order for Test	Item	Focal Point	Domain	Measure
1	50838	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	-2.24
2	50220	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.64
3	50511	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	-1.34
4	50545	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-1.04
5	50660	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	3.13
6	50849	Number and Operations	Solve problems involving the addition and subtraction of fractions and decimals, including problems connected to measurement.	-0.23
7	50962	Number and Operations	Use decimal models, place value, and properties to add and subtract decimals.	0.09
8	50225	Number and Operations	Estimate fractions and decimals sums and differences.	0.36
9	50837	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	0.69
10	50360	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	0.84
11	50501	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.15
12	50539	Number and Operations	Develop fluency with efficient procedures for adding and subtracting fractions and decimals and understand why the procedures work on the basis of place value and number properties.	1.61
13	50802	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	1.80
14	50656	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.10
15	50207	Number and Operations	Use fraction models to represent the addition and subtraction of fractions with unlike denominators.	2.54
16	50973	Number and Operations	Estimate fractions and decimals sums and differences.	-0.46

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