7RP	A car moving at a constant speed travels 88 feet in 2 seconds. Use a proportion to find how many feet it travels in one minute.
7NS	The average temperature in Fairbanks, Alaska, was $-4°F$ one day and $6°F$ the next day. Find the difference of the temperatures.
7EE	Mary wants to buy a bicycle that costs $280. Her parents agree to pay $100. Mary will save $20 a week. Write and solve an equation to find how long it will take her to save enough money.
7G	A circular mat has a circumference of 220 centimeters. Find the radius rounded to the nearest whole number.
7SP	A container has 14 yellow chips, 10 blue chips and 12 red chips in it. One chip is randomly chosen from the container, then a second chip is randomly chosen after replacing the first chip. What is the probability that both chips are red?

7RP	The Suarez family spends 30% of their monthly income on the house payment. If the house payment is $1,200, what is the family's income?
7NS	Order the numbers from least to greatest: $0.8, \quad 8\%, \quad 18\%, \quad \frac{1}{8}, \quad \frac{8}{18}$
7EE	Simplify: $2a - \frac{2}{3}b - 4\frac{1}{2}a - \frac{1}{6}b$
7G	A clock tower has a circular clock face with an area of 144π square feet. What is the diameter of the clock face?
7SP	Carlin wants to determine the general attitude toward math of the students in the school. Which of the following methods will produce a random sample? **a)** Survey 10 students from each of Mr. Lee's math class. **b)** Survey all of the students in Carlin's 1st period class. **c)** Survey every 15th student who enters the cafeteria at lunchtime. **d)** Survey every 3rd student in the list of honors students.

7RP	Mary bough a pair of jeans and a sweater. The pair of jeans costs $30 and the sweater costs $35. If sales tax is 6%, how much did Toby spend in total for the jeans and sweater?
7NS	Evaluate : $-8 + 8$
7EE	Find the sum. $(6x^2 + 5x - 3) + (x^2 - 9)$
7G	The radius of the circular lens of a magnifying glass is 4 centimeters. What is the area, in square centimeters of the glass?
7SP	There is an 85% chance that a flight on Bandway Airlines will arrive on time. Out of a total of 600 flights, how many are expected to arrive on time?

7RP	A 14-ounce energy drink contains $10\frac{1}{2}$ teaspoons of sugar. How much sugar is one ounce of the drink?
7NS	On Tuesday the value of a stock decreased by $\frac{1}{2}$ point. On Wednesday, the value increased by $\frac{3}{4}$ point. On Thursday the value decreased by $\frac{3}{8}$ point. What integer represents the change in stock value after three days?
7EE	The dance committee has a budget of \$125 to decorate the gym for the spring dance. They have already spent \$65. Some members want to buy helium balloons that cost \$0.80 each. Write and solve an inequality to show the number of balloons that the dance committee could buy.
7G	Angles P and Q are supplementary and $m\angle P = 30°$. What is $m\angle Q$?
7SP	Monyne flips three coins. What is the probability that the first, second, and third coin will all land the same way (either all heads or all tails)?

7RP	Crystal reads 25 pages in $\frac{1}{2}$ hour. Write an equation to represent the relationship between the number of pages Crystal reads and how much time she spends reading. Let p = number of pages and t = number of hours.
7NS	Louise walks $\frac{9}{8}$ miles around the lake. How many miles did Louise walk? a) $0.\overline{7}$ b) 0.78 c) 1.125 d) $1.\overline{125}$
7EE	Factor the expression below using the greatest common factor. $6p^3 - 2p^2 - 8p$
7G	A rectangular welcome mat is 30 inches long and 24 inches wide. What is the area of the welcome mat?
7SP	Which size random sample is likely to provide the most trustworthy results? a) 50 b) 20 c) 10 d) There is no difference.

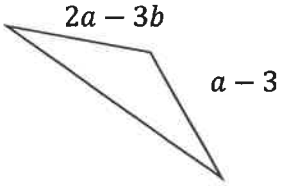
7RP	Nigel borrows $250 and pays 5.5% simple interest each year. If he pays back the money in on year what is the total amount that he pays?
7NS	A fish dives into a depth of $-\frac{3}{4}$ mile below the surface of the water. A turtle's depth is $\frac{1}{3}$ as deep as the fish's depth. What is the turtle's depth?
7EE	What is the difference of the expression below? $(12f - 8g + 3h) - (4f - g + 5h)$
7G	A cube has a side length of 13 millimeters. What is the surface area of the cube?
7SP	Look at the data in the table below. Which data set has a smaller mean?

Set X	20.45	28	22.25	16.5	13	18.05
Set Y	21	6	5	14	9	40

7RP	In 2000, the U.S. population was 281 million people. In 2008, it was 305 million. What was the rate of population change per year?
7NS	Evaluate: $-\frac{2}{7}-\frac{3}{8}+\frac{1}{4}+\frac{2}{7}$
7EE	Temperature in degrees Fahrenheit is equal to 32 more than $\frac{9}{5}$ times the temperature in degrees Celsius. One day the high temperature in Brooklyn, NY was 95 degrees Fahrenheit. What was the high temperature in degrees Celsius?
7G	Mya's bedroom is in the shape of a rectangular prism 15 feet long, 12 feet wide, and 10 feet high. It has no windows. Mya wants to paint all four walls (including the door) and the ceiling. What surface area will she paint?
7SP	You flip a coin and roll a number cube. What is the probability that you flip tails and roll a number less than 5?

7RP	Hannah runs $\frac{2}{3}$ of a mile in $\frac{1}{6}$ of an hour. What is her unit rate, in miles per hour?
7NS	Divide: $-\frac{5}{12} \div -\frac{5}{8}$
7EE	The chorus club has a budget of at most $450 for a field trip to see a musical. There are 15 members in the chorus club. The total transportation cost for all the members will be $60. What is the maximum theater ticket price per person that the chorus club can afford?
7G	The cost of painting a circular traffic sign is $3.50 per square foot. How much, to the nearest dollar, will it cost to paint the sign if its diameter measures 36 inches?
7SP	Which of the following statistics measures the variability of a distribution? a) mean b) median c) mode d) range

7RP	On Wednesday, 30 students went to after-school tutoring. On Thursday, 6 students went. What is the percent decrease in the numbers of students who went to tutoring?
7NS	Which situation can be represented by the equation $-4(5) = -20$? a) Jasmine exercised for 4 hours after school each day last week. b) The cost of a summer pool pass increased \$4 each of the last 5 years. c) Jasmine earned \$4 for each of 5 classes in which she received an A. d) The temperature dropped 4 degrees each hour for 5 consecutive days.
7EE	Brenda and Michael simplify the expression, as shown below. $Brenda: \ -5x + (2 + x) = -5 + x + 2 = -4x + 2$ $Michael: \ -5x + (2 + x) = (-5x + 2) + x = -3 + x$ Who simplified the expression correctly?
7G	A fast-food restaurant offers delivery service anywhere within a 6-mile radius. What area does the restaurant delivery service cover? Round your answer to the nearest square mile.
7SP	A factory worker conducted test on a random sample of 150 products. Of the products tested, 2 were found to have defects. Based on this information, how many products in a batch of 3,000 are likely to be defective?

7RP	Hailey earned $90 for working 12 hours. How much would she earn for working 20 hours?
7NS	What is the value of the expression $\frac{2}{3}\left(6-\frac{5}{6}\right)$?
7EE	The perimeter of the triangle below is $6a+2b-5$ units. Write an expression to represent the length in units, of the missing side of the triangle. 
7G	Elizabeth reduced a picture that is 10 inches long by 8 inches wide using a photocopier. The reduced picture is now 6 inches long. What scale factor did the photocopier reduce the picture?
7SP	The probability a bus will be full is 65%. Which word or words best describes the likelihood the bus will be full? a) certain b) highly likely c) somewhat likely d) unlikely