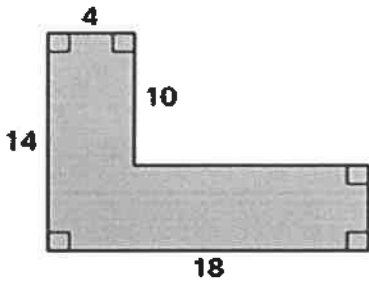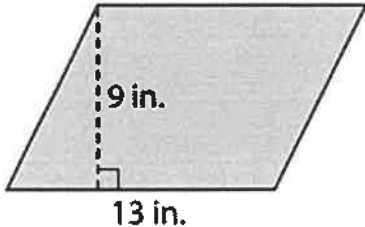|	
6RP	Michelle can buy an 8-pound bag of cat food for $7.40 or a 4-pound bag of the same cat food for $5.38. Which is the better buy?
6NS	Mercury melts at 38°F below zero. Write this temperature as an integer.
6EE	A paperback book company charges $6 for each paperback book plus $4 for shipping and handling per order. What would be the total cost for 3 books?
6G	Mya's rectangular yard is 10 feet wide and 15 feet long. How many square feet of grass does she need to plant if she wants to cover the entire yard?
6SP	DaCosta's math quiz scores are 70, 72, 99, 72, and 69. Find the mean and median. Which is a better description of DaCosta's typical math quiz score?

6RP	A car is traveling at a steady rate of speed. The points (1, 40) and (3, y) appear on a graph of the car's distance over time. What is the value of y?
6NS	An auditorium has 1,120 seats in 35 equal rows. How many seats are in each row?
6EE	Justin's football team has a phone tree in case a game is cancelled. The coach calls 2 players. Then each of those players calls 2 players, and so on. How many players will be notified during the 2nd round of calls?
6G	Sean is making a mosaic using tiles in the shape of right triangles. Each tile has leg measures 4 centimeters and 6 centimeters. What is the area of one tile?
6SP	The number of lawns the workers in Angelo's company have mowed in the first 6 weeks of the summer is 31, 24, 32, 28, 29, and 36. What is the mean absolute deviation for the number of lawns mowed in the first 6 weeks of summer?

6RP	Sandy pays $120 for 4 violin lessons. How much does she pay for 8 violin lessons?
6NS	Lena traveled 79.47 miles on Monday, 54.28 miles on Tuesday, 65.5 miles on Wednesday, and 98.43 miles on Thursday. Which day did she travel the greatest number of miles?
6EE	Adam walked 2 miles a day for the first week of his exercise plan. Then he walked 3 miles a day for the next 9 days. How many miles did Adam walk in all?
6G	Find the area of the polygon. 4 10 14 18
6SP	Omar wants to find the average height of the students in his class. Which measurement should he find? A) the range B) the mean C) the median D) the mode

6RP	Victor needs to mix 2 cups of apple juice concentrate with 3.5 cups of water to make apple juice. Victor has 6 cups of concentrate. How much apple juice can he make?
6NS	List the numbers in order from least to greatest. 4, -6, 0, 8, -9, 1, -3
6EE	Marsha has 32 bottle caps. She wants to display the bottle caps in rows, with the same number of bottle caps in each row. How many different ways can she display the bottle caps?
6G	Find the area of the parallelogram. 9 in. 13 in.
6SP	Tia and Sam wants to see who is more precise at cutting paper. Each person cut 10 pieces of paper, and the lengths of their cuts in inches are given below. Whose cuts had less variability in length? Tia: 2.3, 2.4, 2.3, 2.5, 2.5, 2.8, 2.4, 2.5, 2.3, 2.5 Sam: 2.0, 2.2, 2.1, 2.4, 2.3, 2.4, 2.6, 2.5, 2.4, 2.3

6RP	Helen spends 12% of her budget on transportation expenses. Write this percent as a fraction and as a decimal.
6NS	What is the greatest common factor of 12 and 16?
6EE	Perry divides up some candy to give equally to his six friends. If c represents the total amount, write an expression to represent how much candy each friend receives.
6G	Beth wants to paint her rectangular night stand that is 42 inches long and 28 inches wide. A quart of paint covers about 350 square inches. How many quarts of paint will Beth need to cover the entire night stand?
6SP	The grades on a Social Studies quiz are shown below. Make a box plot for the data. 78, 81, 80, 87, 91, 95, 89, 75, 76, 91, 100, 63

6RP	An industrial machine is able to make 8 cups in 4 seconds. What is the rate made per second?
6NS	Which number is less? −27 or −36
6EE	Apply the distributive property to produce an equivalent expression for $6(7e + 3)$.
6G	A triangular sail has a base length of 2.5 meters. The area of the sail is 3.75 square meters. How tall is the sail?
6SP	Find the mean, median, interquartile range and mean absolute deviation of the set of numbers. Round to the nearest tenth, if necessary. 1, 1, 4, 8, 9, 3, 8

6RP	Melinda has a photo that is 8 inches by 11 inches. She wants to enlarge its length is 44 inches. What should the width be?
6NS	At a grocery store a four-pack of yogurt costs $3.95. How much does each container of yogurt cost?
6EE	A friend asks you to think of a number, double it, and then add 4. Write an algebraic expression using the variable x to describe your friend's directions. Then find the value of the expression if the number you think of is 3.
6G	A jewelry box is in the shape of a rectangular prism with an area of 528 cubic inches. The length of the box is 12 inches and the height is $5\frac{1}{2}$ inches. What is the width of the jewelry box?
6SP	Belinda recorded the number of minutes it took for her to complete her homework each evening for 10 days. Find the mean, median, and mode. Then decide which best describes the set of data. 16, 12, 14, 17, 81, 18, 13, 19, 14, 19

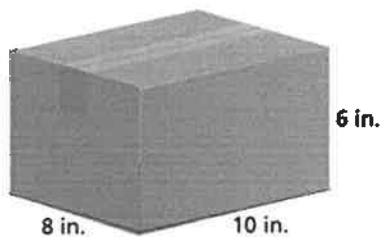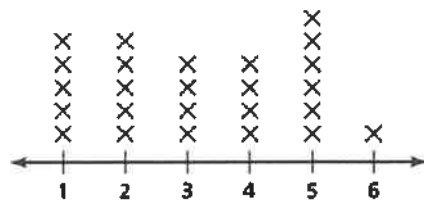|	
6RP	Stacey buys 6 pounds of chicken for $39. How much will she pay for 11 more pounds of chicken?
6NS	A school lunch contains 12 mozzarella sticks. Seventy-five students buy the lunch. What is the total number of mozzarella sticks served?
6EE	Which property is illustrated by the statement below? 4(3 + 2) = 4(3) + 4(2)
6G	What is the volume of this package? 6 in. 8 in. 10 in.
6SP	What is the mean absolute deviation of the data shown in the line plot, rounded to the nearest tenth?

6RP	A 30-pack of copy paper costs $48.30. A 32-pack costs $49.60. Which is the better buy? Explain.
6NS	Jose's family is traveling 345 miles to an aquarium. They have already traveled 131 miles. How many more miles must you travel to the aquarium?
6EE	B&B Inc. has ordered machine parts and receives a charge of $15 for shipping and handling plus $20 per part. Write an equation that represents the cost c of ordering p parts?
6G	The base lengths of a trapezoidal coffee table are 6 feet and 8 feet. The height is 5 feet. What is the area of the coffee table?
6SP	Find the range of the data. 98, 21, 52, 39, 45, 76

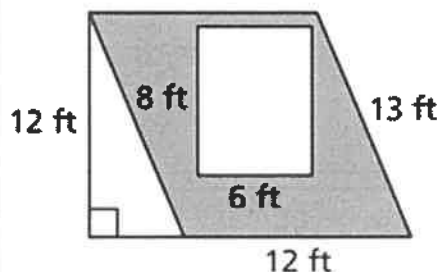|	
6RP	Find the missing values in the ratio table. Then write the equivalent ratios. | Shirts	7		49
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Jackets	2	8		
6NS	You have ten boxes of ten muffins each, and each muffin has ten blueberries. Use an exponent to write an expression for the total number of blueberries.
6EE	What is the value of a^3 when $a = 4$?
6G	Find the area of the shaded region. 12 ft · 8 ft · 13 ft · 6 ft · 12 ft
6SP	The data shows the height in inches of students in Ms. Williams math class. Identify the outlier. 40, 37, 39, 40, 42, 38, 38, 37, 28, 40