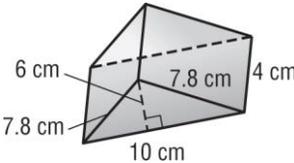
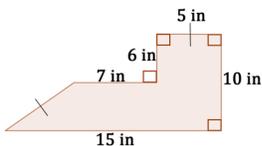
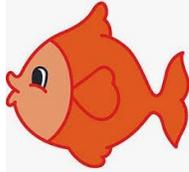
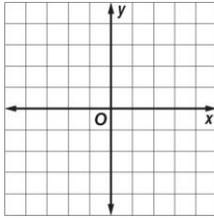
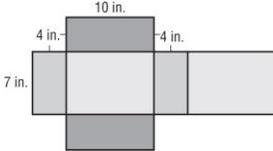




7th Grade Summer "Problem a Day"



What is the least common multiple of 6 and 8	At a summer camp, there are 40 boys out of 70 campers. What is this ratio written as a fraction in simplest form?	Nicholas bought 5 pens for \$3. At this rate, how much will he spend on 10 pens?	Out of 240 people, 15% of those documentaries as their favorite type of movie, how many people chose documentaries	What is 15.08 written as a mixed number (in simplest form)	12.1×2.95 (round answer to the nearest whole number)	On Saturday, Hattie biked 3.2 hours at a speed of 12.5 miles per hour. On Sunday, she biked 2.5 hours at a speed of 14.3 miles per hour. How much farther did she bike on Saturday?
$\frac{9}{10} \times \frac{5}{11}$ 	Find the value of $8 + 17 - 5 \times 3$	The original price of a DVD is \$9. The sale price is 20% off the original price. What is the sale price of the DVD?	Simplify the expression $4(3x + 7y)$	$25.3 = s + 6.2$	Write the inequality for: Children ages 6 and under qualify for free admission.	A wheat cracker is shaped like a triangle with a base of 50 millimeters and a height of 5.7 centimeters. What is the area of the cracker in square centimeters? Round to the nearest tenth
Piper wants to buy enough potting soil to fill a flower box that is 30 inches long, 12 inches wide, and 8 inches tall. If one bag of potting soil contains 576 cubic inches, how many bags should she buy?	$60.94 \div 5.7$ Divide and round answer to nearest tenths digit	Find the Volume 	$99.2 = 6.2y$ 	Find the median and mode of: 6, 9, 2, 4, 3, 6, 5	Four friends paid a total of \$32 for movie tickets. What is the ratio \$32 for 4 people written as a unit rate?	Find the area 
Brandon has $7\frac{1}{2}$ gallons of paint. He plans on using $1\frac{1}{2}$ gallons on each room. How many rooms will he be able to paint?	Find the value of $7 + (2^4 + 7) \times 10$	Factor the expression $42x + 12y$ 	Write $4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4$ using an exponent.	Bananas cost \$0.54 per pound and grapes cost \$1.28 per pound. Leanne bought 2.6 pounds of bananas and 3.1 pounds of grapes. How much did she pay for the bananas and grapes?	Find the height of a trapezoid given that it has an area of 1,395 square feet and the lengths of its bases are 35 feet and 58 feet.	Ms. Liang is building a deck that is $2\frac{2}{9}$ yards long and $3\frac{2}{5}$ yards wide. What is the area of her deck?

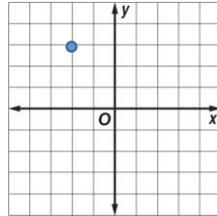
<p>valuate each expression if $x = 2$, $y = \frac{3}{5}$, and $z = 5$?</p> $x^2 + 5y \div z$	<p>Alexia used three reams of paper in her first semester of school. Each ream has the same number of sheets. She used another 40 sheets after that. Write an expression to represent the total number of sheets Alexia used</p>	<p>Use the Distributive Property to rewrite each algebraic expression.</p> $3(w + 1.6)$	<p>Find the mean of the data set 8, 8, 10, 15, 9, 20, 12, and 10. Round to the nearest hundredth if necessary.</p>	<p>After buying a jacket that cost \$47, Marilyn had \$6 left in her wallet. Write and solve a subtraction equation to find the amount of money Marilyn had in her wallet before she bought the jacket.</p>	<p>Solve $k + 85 = 111$</p>	<p>A recipe make $5\frac{1}{2}$ dozen cookies. Marquis needs to make $3\frac{3}{4}$ times this amount. How many dozens of cookies will he make?</p>
<p>Write the inequality for:</p> <p>The decorations cost more than \$12.</p>	<p>On Saturday afternoon, 41 out of 50 telephone calls taken at The Overlook restaurant were for dinner reservations. What percent of the telephone calls were for dinner reservations?</p>	$ 16 - -2 $	<p>Find the value of 5^5</p> 	<p>Graph $(-2, 3)$</p> 	<p>It cost Mrs. Sapanaro \$245 for her and 6 people to take a day-long guided tour of the Everglades. How much does the guided tour cost per person?</p>	<p>Grant paid \$12 for 4 baseball card packs. How many baseball card packs can he purchase for \$21?</p>
<p>Iona's favorite peaches are \$2.50 per pound at the local farmers' market. She bought 3.5 pounds of the peaches. How much did she spend?</p>	<p>Tomás earned \$38.25 for cleaning the garage. He was paid \$4.25 per hour. Write and solve an equation to find how many hours it took him to clean the garage</p>	<p>Sandra helped serve meals to 25 families. Each family received the same amount of food. If she served 275 pounds of food, how many pounds of food did each family receive?</p>	<p>2, 3, 3, 4, 5, 7, 8, 8, 8, 10, 10, and 12.</p> <p>What are the third and first quartiles of the data set above?</p>	<p>Find the surface Area</p> 	<p>$1.296 \div 0.16$</p> 	<p>Micah had \$10.52 after he left the bookstore. If he bought a book for \$6.39, how much money did he have before he went to the bookstore?</p>
<p>Jamie mowed 7 lawns. He earned \$10, \$15, \$12, \$15, \$8, and \$15 for six lawns. How much did he earn the seventh time if the mean of the data is \$12?</p>	<p>Order each set of integers from greatest to least.</p> $\{-11, -8, 24, -20, 11\}$	<p>In which quadrant would you find the ordered pair $(-3, -7)$</p>	<p>Find the value of $9 + 4^2 \div 8 \times 3$</p>	<p>Jill wants to put 45 sunflower seeds, 81 corn plants, and 63 tomato plants in her garden. If she puts the same number of plants in each row and if each row has only one type of plant, what is the greatest number of plants that Jill can put in one row?</p>	<p>Yori has 14.25 cups of cupcake batter. If each cupcake uses 0.75 cup of batter, how many cupcakes can Yori make?</p>	<p>Which of the numbers 4, 5, or 6 is a solution of $x + 7 > 12$?</p>
<p>A giraffe can eat about 75 pounds of vegetation every day. Write an equation to find p, the number of pounds of vegetation a giraffe eats in d days</p>	<p>Find the base of a parallelogram with height 13.5 yards and an area of 159.3 square yards.</p>	<p>In a recent NBA season, Shaquille O'Neal made 60% of his field goals. What fraction of his field goals did Shaquille make?</p>	<p>Scores at a truck pull were based on the distance the truck stopped from the finish line. Order these scores from least to greatest: $-5\frac{3}{4}$, -7.2, 9, and $3\frac{1}{8}$</p>	<p>Sally received scores on math quizzes as shown below. Find her mean score. Quiz Scores: 84, 85, 91, 81, 52, 92, 99, 91, and 45</p>	<p>A gift box in the shape of a triangular prism has a volume of 36 cubic inches, a base height of 4 inches, and a height of 3 inches. What is the length of the base?</p>	<p>Fred is making a bouquet of carnations and roses. The carnations cost \$5.25 in all. The roses cost \$1.68 each. How many roses did Fred use if the bouquet cost \$18.69 in all?</p>

Answers

Page1

24	$\frac{4}{7}$	\$6	36	$15\frac{2}{25}$	36	4.25 miles
$\frac{9}{22}$	10	\$7.20	$12x + 28y$	19.1	$A \leq 6$	14.3 cm
5 Bags	10.7	120 cm	16	5, 6	\$8 per person	94 inches
5 Rooms	237	$6(7x + 2y)$	4^8	\$5.37	30 feet	$7\frac{5}{9}$ yard

Page 2

$4\frac{3}{5}$	$3r + 40$	$3w + 4.8$	11.71	$m - 47 = 6$ \$53	26	$20\frac{5}{8}$
$d > 12$	82%	14	3,125		\$35	7 packs
\$8.75	4.25 h = 38.25 9 hours	11 pounds	10, 3.5	276 in	8.1	\$16.91
\$9	24, 11, -8, -11, -20	3 rd quadrant	15	9 plants	19 cupcakes	6
$P = 75d$	11.8 yd	$\frac{3}{5}$	$-7.2, -5\frac{3}{4}, 3\frac{1}{8}, 9$	80	6 inches	8 roses

