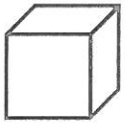
Week One

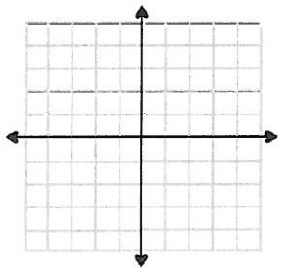
Problem	Work & Answer
In a bouquet of 24 roses, sixteen are red and the rest are pink. What is the ratio of pink to red roses?	
Find each quotient a.) $6{,}728 \div 16$ b.) $18{,}931 \div 83$	
How many faces, vertices and edges are on a box? 	
Evaluate each expression if $a = 2$, $b=3$ and $c = 4$. a.) $2a + 4b - c$ b.) $6(a + c) - b$	
Jimmy can run 3.5 miles in 20 minutes. How far can he run in one hour and ten minutes?	

Week Two

Problem	Work & Answer
A season pass to the local waterpark costs $84. If you go to the park ten times during the season, what is the unit rate of cost per visit?	
Find the LCM of the following: a.) 3 and 8 b.) 9 and 12 c.) 4 and 6	
Find each product: a.) 13.08 x 0.7 b.) 1.14 x 0.86	
On Thursday the high temperature was 0°C. If it was three degrees colder on Friday, what was the temperature?	
Right before a snow storm the hardware store sold fifteen shovels in sixty minutes. At that rate the store sold a shovel every _____ minutes.	

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Week Three

Problem	Work & Answer
Find the GCF of the following: a.) 18 and 24 b.) 12 and 36 c.) 32 and 96	
Phoebe needs to use ¾ cups of sugar to make one batch of cookies. How many batches can she make with 12 cups of sugar?	
Which is colder -3° or -13°? How much colder is that degree?	
Graph the ordered pairs. (-3,-1) (1, -1) (1,5)	
Connect the points in the previous problem. Then find the area of the given figure.	

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Week Four

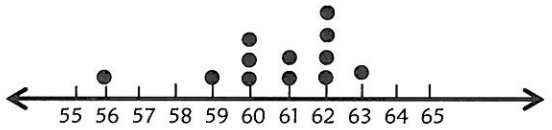
Problem	Work & Answer
Find the value of the following: a.) 2^4 b.) 4^3 c.) 6^2	

Study the data table which shows the number of laps each student ran during the warm up for gym class, then find the mean number of laps.

Student	Jack	Julie	Ben	Beatrice	Carl
# of laps	4	7	6	5	8

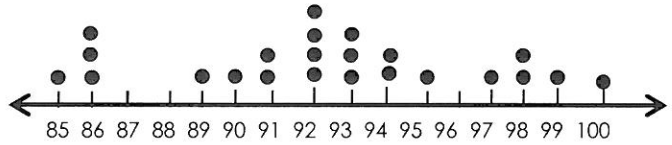
Find the absolute value of each: a.) -8 b.) 8	
Write and solve an inequality that means a number plus four is greater than or equal to twelve.	
A box of twelve granola bars was $3.60. What was the unit cost per bar?	

Week Five

Problem	Work & Answer
Evaluate each expression a.) $16 + 3^2 \times 2$ b.) $2^3 \div 4 + 12$	
Find the prime factorization of each: a.) 16 b.) 72	
Using the data plot in the next space, what is the outlier of the data shown?	 High Temperatures over the last 10 Days (in degrees Fahrenheit)
Solve for each variable. a.) $m - 64 = 7$ b.) $3r + 2 = 35$	
An aquarium's dimensions are $3\frac{1}{4}$ ft x 2ft x $1\frac{3}{4}$ ft. What is the volume of the aquarium?	

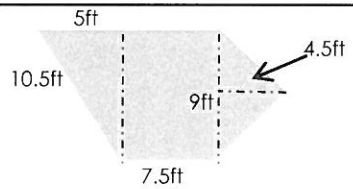
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Week Six

Problem	Work & Answer
Circle the letter of the survey question that will yield more results. Explain why you choose that question.	a.) What country does each participant live in? b.) What town or city does each participant live in?
List three solutions for the inequality $x \leq 3$ and give three numbers that are not solutions.	Solutions: _____ Not Solutions: _____
Circle the expression equivalent to $9x + 36$.	a.) $3(x + 9)$ b.) $9(x + 4)$
Find the mean, median and mode of the below test scores: 	
a.) What is the opposite of -7? b.) How many units are -7 and its opposite from zero?	

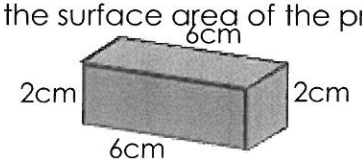
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Week Seven

Problem	Work & Answer
Which expression is equivalent to $56x - 28y + 42$? a.) $8(7x - 3y + 6)$ b.) $7(8x + 4y + 6z)$ c.) $7(8x - 4y + 6)$	
Find the area of the figure. 	
Add or subtract. a.) 523.74 + 319.281 b.) 120.16 + 38.094 c.) 604.11 – 57.989	
Anna bought a sweater at 40% off the original price. If she paid $12, what was the original price of the sweater?	
The area of the garden was $2\frac{2}{5}yd^2$. If the length is 1½ yd, find the width.	

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Week Eight

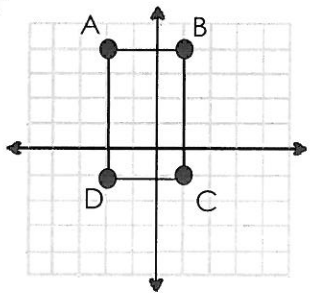
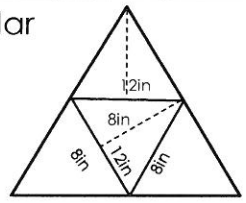
Problem	Work & Answer
Find each quotient. Simplify your answer. a.) $\frac{5}{8} \div \frac{1}{4}$ b.) $3\ \frac{1}{6} \div \frac{2}{3}$	
What are 3 values of x that will make the inequality true? $3x + 9 \leq 30$	
Simplify the expression by using the distributive property and combining like terms. $6(3y + 7) + 4(9 + 9y)$	
Draw a net to represent the rectangular prism below. Then give the surface area of the prism.  	

Anna buys 5lbs of pecans for $19. At this unit rate, find the cost of each amount in the table.

Pecans (pounds)	Total Cost
½	
3	
5	$19.00

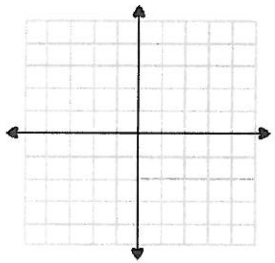
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Week Nine

Problem	Work & Answer
Write the coordinate pair for each point on the coordinate plane. 	
Find the area and perimeter of the shape above.	
Find each product or quotient. a.) 5.4 ÷ 0.3 b.) 8.7 x 3.9	
The area of the school garden is $31\frac{1}{4}$ ft. If the width is $6\frac{3}{5}$ ft, find the length.	
Find the surface area of triangular pyramid using the net. 	

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Week Ten

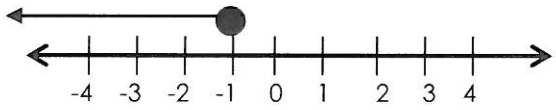
Problem	Work & Answer
Simplify the expression by combining like terms. $14a + 5 + 8a - 3 + 16b$	
Plot the points below on the coordinate grid. A.) A (-3, 3) B(3, 3) B.) Which axis are the points reflected across?	

Complete the table to find the values of y.

y = 3x – 2	
x	y
5	13
6	
7	

Entrance to the fair is $5 but each ticket for the rides costs x dollars. Write an expression to show the cost of 12 ride tickets and entrance cost.

Write an inequality to show what the number line represents.



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