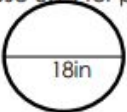




WEEK 1



Problem	Work & Answer
<p>Give the sum or difference:</p> <p>a.) $8 - 15$ b.) $-8 - 15$ c.) $-8 + 15$ d.) $-8 + (-15)$</p>	
<p>Four friends equally share the cost of their dinner that was \$64 plus a 20% tip. If each person contributes \$19, will that be enough to cover the bill with tip? Explain.</p>	
<p>Solve the following:</p> <p>a.) $\frac{-24}{3}$ b.) $\frac{-36}{-4}$</p>	
<p>Find the following based on the circle. Use 3.14 for pi.</p> <p>a.) The area of the circle b.) The circumference of the circle</p> 	
<p>It takes Billy fifteen minutes to complete $\frac{1}{8}$ of a recipe. At this rate how long will it take for him to complete the recipe?</p>	



WEEK 2



Problem

Work & Answer

Solve for each variable.

a.) $\frac{w}{-12} = 3$ b.) $\frac{3}{4}x = -24$ c.) $36 = y + 14$

Simplify each expression:

a.) $-72 \div 8 + (-6) - 2$

b.) $-4 + (-32) \div (-4 \cdot 4)$

Circle which has the same value as the following:

$-6 + (-9 + 14)$

a.) $(-6 + 9) - 14$

b.) $(6 - 9) + 14$

c.) $(-6 + -9) + 14$

Nancy sold a house for \$225,900 and earned 4% commission. How much did Nancy earn for the sale of this house?

Complete the table that shows a proportional relationship between the amount of small boxes of popcorn and candy sold at a movie theater.

Candy (small boxes)	Popcorn (small boxes)
	24
12	96
48	
	528



WEEK 3



Problem	Work & Answer
<p>Trail mix made for three people uses 3 cups of almonds, 1 cup of raisins and $\frac{1}{3}$ cup of chocolate chips. If the same ratio of ingredients is used for twelve people, how much of each ingredient is needed?</p>	
<p>Divide. Write the answer in simplest form.</p> $-2\frac{1}{3} \div 1\frac{1}{12}$	
<p>Find each product.</p> <p>a.) -7×6 b.) -6×-7 c.) -7×-6 d.) -6×7</p>	
<p>Simplify each expression.</p> <p>a.) $-13 + 25 - 36 + -2$ b.) $-54 \div 9 \times -7 \div 6$</p>	
<p>It takes Amy 8 minutes to mow $\frac{1}{6}$ of her backyard. At that rate how many more minutes will it take her to finish mowing her backyard?</p>	



WEEK 4



Problem	Work & Answer
<p>Anna earned \$9 an hour babysitting. She wants to buy a 16 GB iPod that is \$120. Anna has saved \$45 so far. How many more hours of babysitting does she need to do to earn the rest to purchase the iPod?</p>	
<p>A recipe for fluffy slime calls for $3\frac{3}{4}$ cups of shaving cream, $\frac{1}{2}$ cup of glue, $\frac{1}{2}$ teaspoon of baking soda and $1\frac{1}{2}$ tablespoons of saline solution; this is enough for 2 people. How much shaving cream would you need if you were making enough slime for ten people?</p>	
<p>Simplify each complex fraction.</p> <p>a.) $\frac{2\frac{1}{4}}{1\frac{1}{8}}$ b.) $\frac{7\frac{1}{3}}{\frac{3}{4}}$</p>	
<p>An item is marked down by 25%. What percentage of the original cost will you pay?</p>	
<p>Find the sum of each below. Describe how you know what the sign of your answer will be.</p> <p>a.) $-19 + 8$ b.) $-6 + (-5)$</p>	