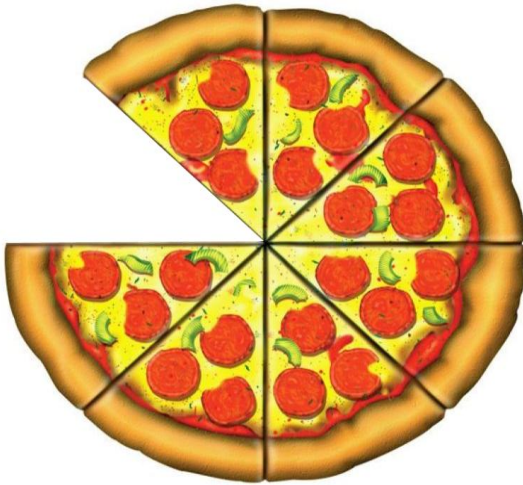


Name \_\_\_\_\_

Ratios, Fractions, Percents, OH MY!

<p>What is a Ratio?</p>	<p>What is the ratio of boys to girls in our class? Write the answer in all three forms.</p> <p>1.</p> <p>2.</p> <p>3.</p>				
<p>What is a unit rate?</p>	<p>Convert each ratio to a unit rate.</p> <p>1.</p> <table border="1" data-bbox="883 590 1024 730"> <tr> <td style="text-align: center;"><math>\frac{8 \text{ c}}{2 \text{ tsp}}</math></td> <td></td> </tr> </table>			$\frac{8 \text{ c}}{2 \text{ tsp}}$	
$\frac{8 \text{ c}}{2 \text{ tsp}}$					
<p>How do you convert a ratio to a unit rate?</p>	<p>2.</p>	$\frac{120 \text{ mi}}{3 \text{ hr}}$			
	<p>3.</p>	$\frac{10 \text{ in}}{4 \text{ min}}$			
<p>What is a proportion?</p>	<p>How can we check if two ratios form a proportion?</p> <p>1.</p> <p>2.</p>				
<p>Even if the numbers say two ratios form a proportion, what's another thing that might keep them from being one? Hint: Look at number 3 to the right.</p>	<p>Determine whether or not the following ratios form a proportion.</p>				
	<p>1.</p>	$\frac{210 \text{ mi.}}{3 \text{ hr.}}$	$\frac{70 \text{ mi.}}{1 \text{ hr.}}$		
	<p>2.</p>	$\frac{5 \text{ in.}}{6 \text{ min.}}$	$\frac{7.5 \text{ in.}}{9 \text{ min.}}$		
<p>3.</p>	$\frac{4 \text{ oz.}}{2 \text{ tsp.}}$	$\frac{8 \text{ c.}}{4 \text{ tsp.}}$			
<p>How do you find a missing number in a proportion?</p>	<p>Solve for the variable in each proportion.</p>				
	<p>1.</p>	$\frac{12}{3}$	$\frac{20}{x}$		
<p>2.</p>	$\frac{16 \text{ lb.}}{\$3}$	$\frac{a \text{ lb.}}{\$19}$			

Fractions:



What fraction of this pizza has been eaten?

What does the numerator represent?

What does the denominator represent?

What fraction of this pizza is left?

What does the numerator represent?

What does the denominator represent?

Define these parts of a word.

Per –

Cent –

Another way I can represent the word per is:

An easy way to convert a percent to a fraction:

Convert these percents to fractions.

85%

13%

43%

A little connection to end the day:



35% of these skittles are orange.

Think Fraction:  
Convert that percent to a fraction.

Part

Whole

If there are 60 skittles, how many of them are orange? Set up a proportion using the fraction you just wrote.

Part

Whole

Solve the proportion: