

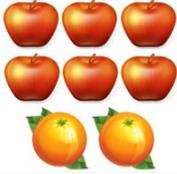
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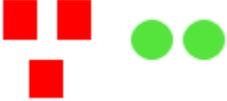
6th Grade Math Homework

October 3 - 7

Please use your math notebook and/or our math website for help/videos to help with concepts on this homework.

6th grade math website: sms6math.weebly.com**SHOW ALL WORK IN THE WORK COLUMN.**

Monday	Monday's Work	Tuesday	Tuesday's Work
Fill in the blanks. 	For every _____ squares, there are _____ circles.	Use Order of Operations to solve. $7(82-60) + 3^3$	
Write the ratio of squares to circles in three different ways. 	1. 2. 3.	Circle the situation that represents 54.	Loss of 54 yards. Going down 54 steps. Depositing \$54.
Jacob buys 17 oz of grapes and 21 oz of oranges. What is the ratio of oranges to grapes?		Every 3 days Seth goes to the grocery store. His best friend Brian goes every 5 days. On what day will they both go to the store on the same day?	
Write the ratio of apples to oranges in simplest form. 		Solve. $4\frac{2}{9} \div 3\frac{1}{6}$	
Write the ratio in simplest form. (hint: must have same units) 18 feet: 5 yards		Write the following in exponential form. $4 \times 4 \times 4 \times 4 \times 4$	
To make hummingbird nectar you must use 4 cups of water and 1 cup of sugar. What is the ratio of water to sugar?		A strip of paper is $\frac{9}{10}$ of an inch long. You need to cut the paper into $\frac{3}{12}$ inch pieces. How many pieces will you be able to cut?	
Simplify the ratio. 54:96		Danny's jump rope is 6 meters long. How many decimeters is his jump rope?	
The ratio of cats to dogs is 2:5. If there are 12 cats, how many dogs are there?		In Ms. Johnson's class there are 28 student desks. Each desk measures 26.17 inches long. If you were to line up all the desks end-to-end, how long would all the desks be?	

Wednesday	Wednesday's Work	Thursday	Thursday's Work
<p>Write the ratio of circles to total shapes.</p> 		<p>Use >, <, or = to solve the inequality below.</p> <p>5.7 _____ 5.77</p>	
<p>Simplify the ratio.</p> <p>4 to 16</p>		<p>What is the opposite of $\frac{3}{4}$?</p>	
<p>Express the ratio 15 inches to 4 feet in simplest form. (1 foot = 12 inches)</p>		<p>What is the reciprocal of $3\frac{7}{8}$?</p>	
<p>Jordan's recipe calls for 3 cups of flour and 2 cups of water. What is the ratio of water to flour?</p>		<p>Solve.</p> $2\frac{5}{5} \div 3\frac{3}{4}$	
<p>The ratio of apples to oranges is 3:5. If there are 15 oranges, how many apples are there?</p>		<p>Find the quotient.</p> <p>492.36 \div 1.2</p>	
<p>Circle the two number that can be written as a ratio.</p>	<p>2300 mg and 25 cm</p> <p>65 min and 324 seconds</p> <p>25 feet and 6 kg</p>	<p>Kathy is baking cakes. If each cake requires $\frac{1}{12}$ of a teaspoon of vanilla, and she has $\frac{9}{12}$ of a teaspoon, how many cakes can she bake?</p>	
<p>5 yards, 2 feet = _____ feet (3 feet = 1 yard)</p>		<p>Kristy ran 700 meters, while Jessica ran 4 kilometers. Who ran the farthest?</p>	
<p>Find the missing value.</p> <p>5 : 7 = _____ : 49</p>		<p>Find the prime factorization of 80.</p>	