

Name:

6th Grade Math Homework

October 24-28

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										
There are 15 pencils and 20 markers. What is the ratio of markers to pens?		Tony has $\frac{7}{8}$ of a candy bar. He wants to split the bar into servings that are $\frac{3}{10}$ of the bar. How many servings can he make?											
Express the ratio in simplest form. 3 feet : 9 inches (1 foot = 12 inches)		Find the difference. $\begin{array}{r} 849,832 \\ - 99,154 \\ \hline \end{array}$											
Find the missing term in the expression. $6 : 7 = 30 : \underline{\hspace{2cm}}$		Find the quotient. $\frac{6}{7} \div \frac{1}{2} =$											
Complete the table. <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Boys</th> <th>Girls</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>3</td> </tr> <tr> <td>4</td> <td>6</td> </tr> <tr> <td>6</td> <td>?</td> </tr> <tr> <td>8</td> <td>?</td> </tr> </tbody> </table>	Boys	Girls	2	3	4	6	6	?	8	?		Find the quotient. $14 \overline{) 1,758}$	
Boys	Girls												
2	3												
4	6												
6	?												
8	?												
Solve. 5 Pounds = <u> </u> Ounces		Find the product. 0.2×0.3											
Nathan is making a beaded bracelet. For every 5 red beads, there are 3 white beads. What is the ratio of white to red beads?		Find the quotient. $15.69 \div 0.3$											
Find the missing number of each unit rate. $\frac{3}{6} = \frac{1}{?} \quad \frac{10}{30} = \frac{1}{?}$		Joshua's Math textbook weighs 43.21 ounces. His Social Studies book weighs 38.99 ounces. What is the difference in weight between the two books?											
In the soccer tournament, team A and team B scored goals in the ratio 3:2. If team A scored 27 goals in the tournament, how many TOTAL goals were scored in the tournament by both teams?		What is the greatest common factor of 40 and 60?											

Wednesday	Wednesday's Work	Thursday	Thursday's Work
<p>Write each fraction in its simplest form.</p> $\frac{18}{4} \qquad \frac{15}{25}$		<p>What is the square of 25?</p>	
<p>An artist can paint 4 paintings in 2 hours. What is the artist's unit rate?</p>		<p>List 50 as a product of its prime factors.</p>	
<p>Which is the better buy?</p> <p>20 pencils for \$2.50</p> <p>10 pencils for \$1.20</p>		<p>Find the quotient.</p> $\frac{3}{5} \div \frac{2}{9} =$	
<p>Circle the scenario that is a unit rate.</p>	<p>42 points in 6 games</p> <p>\$5.24 for 5 pounds</p> <p>120 miles in 2 hours</p> <p>\$54 per hour</p>	<p>Find the quotient.</p> $26 \overline{) 3,484}$	
<p>Jamie babysits for 5.5 hours and makes \$66. How much does she make per hour?</p>		<p>In Ms. Johnson's class there are 30 measures 25.12 inches long. If you were to line up all the desks end-to-end, how long would all the desks be?</p>	
<p>Josh will take 10 tests in 5 weeks at school. How many tests will he have taken after 7 weeks?</p>		<p>24 boxes of crayons weigh 235.2 ounces. How many ounces is each box of crayons?</p>	
<p>Write the ratio of stars to hearts in simplest form.</p> 		<p>Use the Order of Operations to Solve.</p> $(6+23) \times (32 - 25) + 7^2$	
<p>A car drives at a speed of 50 miles per hour. How long does it take to drive 200 miles?</p>		<p>What is the LCM of 8 and 12?</p>	