

Name:

6<sup>th</sup> Grade Math Homework

November 9-13

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

6<sup>th</sup> grade math website: [sms6math.weebly.com](http://sms6math.weebly.com)**SHOW ALL WORK IN THE WORK COLUMN.**

Monday	Monday's Work	Tuesday	Tuesday's Work										
Find an equivalent fraction. $\frac{2}{3} = \frac{5}{8}$		Use Order of Operations to solve. $4[2.5 + 3(20 + 7)]$											
It takes Joey $\frac{1}{16}$ of an hour to write one Thank You card. How many cards can he write in $\frac{3}{4}$ of an hour?		Find the quotient. $\frac{4}{15} \div \frac{1}{6} =$											
What is the <b>LCM</b> of 6 and 7?		Last year, Tamera made \$42,786. How much did she make each month (12 months)?											
Find the difference. $87.09 - 29.1$		Find the product. $584.8 \times 0.73$											
Kenny is 5 feet 5 inches while Lamar is 67 inches. Who is taller?		How many feet are in 84 inches? $\frac{1 \text{ ft}}{12 \text{ in}} = \frac{?}{84 \text{ in}}$											
Find the missing number of each unit rate. $\frac{3}{18} = \frac{1}{?}$ $\frac{2}{12} = \frac{1}{?}$		Shannon scored 36 points on 6 questions on her test. What is the unit rate for one question?											
For every 24 minutes of television, there are 6 minutes of commercials. How many minutes of commercials are there in 1 hour and 36 minutes of television?		Complete the table. <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Adults</th> <th>Children</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>1</td> </tr> <tr> <td>4</td> <td>2</td> </tr> <tr> <td>6</td> <td>?</td> </tr> <tr> <td>8</td> <td>?</td> </tr> </tbody> </table>	Adults	Children	2	1	4	2	6	?	8	?	
Adults	Children												
2	1												
4	2												
6	?												
8	?												
The ratio of the number of red markers to blue markers is 2:3. If there are 60 total markers, how many are blue? (Use a bar model to solve.)		A bracelet has orange and white beads in the ratio of 12:7. If there are 114 beads on the bracelet, how many are white? (Use a bar model to solve.)											

Wednesday	Wednesday's Work	Thursday	Thursday's Work										
<p>Write each fraction in its simplest form.</p> $\frac{18}{4} \quad \frac{24}{32}$		<p>Find the quotient.</p> $34 \overline{) 23,802}$											
<p>Jessie has a piece of wood that is 8 feet long. He needs to cut pieces that are <math>\frac{7}{8}</math> of a foot long. How many pieces will he be able to make?</p>		<p>Find the quotient.</p> $\frac{3}{10} \div \frac{4}{5} =$											
<p>Emma has 18 yellow flowers and 30 white flowers. She wants to split them into vases in equal groups. What is the largest number of groups she can make?</p>		<p>At her visit to the doctor, Maggie weighed 67.9 pounds. At her next visit, she gained 13.45 pounds. How much does she now weigh?</p>											
<p>Find the sum.</p> $23,457.9 + 387.15$		<p>Find the quotient.</p> $7.489 \div 0.09$											
<p>Kristy ran 700 meters, while Jessica ran 4 kilometers. Who ran furthest? Explain.</p>		<p>Danny's jump rope is 6 meters long. How many decimeters is his jump rope?</p>											
<p>Find the missing number of each unit rate.</p> $\frac{7}{21} = \frac{1}{?} \quad \frac{4}{16} = \frac{1}{?}$		<p>Pizza Planet is running a special: 3 pizzas for \$16.50. What is the unit rate for one pizza?</p>											
<p>If 3 pieces of candy cost \$2.10, how much would four pieces cost?</p>		<p>Complete the table.</p> <table border="1" data-bbox="833 1432 1156 1591"> <thead> <tr> <th>Milkshakes</th> <th>Cost</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1.50</td> </tr> <tr> <td>2</td> <td>3</td> </tr> <tr> <td>3</td> <td>?</td> </tr> <tr> <td>4</td> <td>?</td> </tr> </tbody> </table>	Milkshakes	Cost	1	1.50	2	3	3	?	4	?	
Milkshakes	Cost												
1	1.50												
2	3												
3	?												
4	?												
<p>The ratio of math to science books is 4:9. If there are 130 books, how many books are science books? (Use a bar model to solve.)</p>		<p>A recipe calls for cups of sugar to cups of flour in the ratio of 5:4. If 81 total cups are used, how many cups of sugar was used? (Use a bar model to solve.)</p>											