

Name: _____

★ **6th Grade Math Homework**

October 2 - 6

Week 8

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

6th grade math website: nms6grademath.weebly.com **SHOW ALL WORK IN THE WORK COLUMN. NO CALCULATORS**

Monday	Mon.'s Work	Tuesday	Tues.'s Work								
Find an equivalent fraction. $\frac{5}{9} = \frac{\quad}{\quad} = \frac{10}{12} = \frac{\quad}{\quad}$		Use Order of Operations to solve. $105 - 7^2 + (72 \div 9)$									
Find the unknown measurement: 10 L = _____ mL		Find the unknown measurement: 5 lb = _____ oz									
It takes Cindy $\frac{3}{4}$ of an hour to complete a puzzle. How many puzzles can Cindy finish in 3 hours?		Find the quotient. $6 \div \frac{2}{7} =$									
Find the quotient. $\frac{1}{2} \div \frac{2}{12} =$		Kevin makes \$78.37 per day. How much does he make in 7 days?									
Find the product. 23.67×2.03		Find the product. $1,389 \times 6.58$									
What is the LCM of 3 and 8?		Use the Distributive Property to express $27 + 60$									
Find the missing numbers. $\frac{10}{2} = \frac{?}{1} \quad \frac{16}{4} = \frac{?}{1}$		There are 8 students who have $\frac{3}{4}$ of a cake they want to share. How much of the cake will each student get if they split it evenly?									
Aaron had \$43 when he entered the mall. After spending some money, he had \$18 left. Find the ratio of the amount of money Aaron spent to the amount he had when he entered the mall.		<table border="1"> <thead> <tr> <th>Number of Days</th> <th>Selena's Earnings (\$)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>31</td> </tr> <tr> <td>2</td> <td>62</td> </tr> <tr> <td>3</td> <td>93</td> </tr> </tbody> </table> <p>If Selena works 4 days, how much will she make?</p>	Number of Days	Selena's Earnings (\$)	1	31	2	62	3	93	
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1	31										
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Wednesday	Wed.'s Work	Thursday	Thurs.'s Work										
Write each fraction in its simplest form. $\frac{25}{7} = \frac{\quad}{\quad}$ $\frac{39}{51} = \frac{\quad}{\quad}$		Use Order of Operations to solve. $3^3 - (60 \div 10) + 8$											
Write the ratio in simplest form: 16 : 40		In a science experiment, Lisa mixed a salt solution and vinegar in the ratio 3:7. If she used 262.8 milliliters of salt solution, how much vinegar did she use?											
Jamie has $\frac{7}{10}$ of a pound of chicken to cook for dinner. If she is going to split the chicken between 3 people, how much chicken will each person get?		Find the quotient. $\frac{7}{9} \div 4 = \frac{\quad}{\quad}$											
Are the following ratios equivalent? 15 : 20 and 20:25		A rope is cut into 3 pieces P, Q and R. The lengths of the pieces are in the ratio 3:5:7. If the rope is 33 feet 9 inches long, find the lengths of P, Q, and R.											
Find the missing term to make the ratios equivalent. 63 : 27 and 49 : <u>?</u>		Find the quotient. $74.4 \div 0.8$											
What is the GCF of 72 and 36?		Alan, Gil and Deb's point score in a video game was in the ratio 2:3:4. Deb scored 114,400 points. How many points did Gil score?											
Find the quotient. $\frac{6}{9} \div \frac{1}{3}$		Anthony purchased 4 burgers for \$4.60. Based on this rate, how much would one burger cost?											
Jessie competes in hot dog eating contests. He can eat 32 hotdogs in 8 minutes. How many hotdogs can he eat in 1 minute?		Complete the table. <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Marbles</th> <th>Bags</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>1</td> </tr> <tr> <td>16</td> <td>2</td> </tr> <tr> <td>24</td> <td>?</td> </tr> <tr> <td>32</td> <td>?</td> </tr> </tbody> </table>	Marbles	Bags	8	1	16	2	24	?	32	?	
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