

Name:

6th Grade Math Homework

October 31 – Nov. 4

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

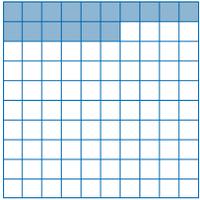
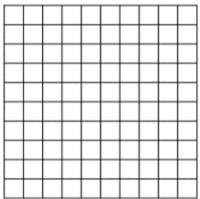
6th grade math website: sms6math.weebly.com

SHOW ALL WORK IN THE WORK COLUMN.

Tuesday	Tuesday's Work		Tuesday's Work
Put the numbers in order from least to greatest. -1.25, 0.1, 2.9, -2.6		Use Order of Operations to solve. $105 - 7^2 + (81 \div 9)$	
Find the missing number of each unit rate. $\frac{2}{10} = \frac{1}{?}$ $\frac{4}{16} = \frac{1}{?}$		Kevin makes \$78.37 a day. How much does he make in 7 days?	
It takes Cindy $\frac{3}{4}$ of an hour to complete a puzzle. How many puzzles can Cindy finish in 3 hours?		Luis has a cooler filled with cans of soda. For every 5 cans of coke, there are 3 cans of sprite. If there are 25 cans of coke, how many cans of sprite are there?	

Lily is making granola. She uses almonds, walnuts, and pecans in the ratio 4 : 3 : 8. Lily uses 40 ounces of pecans. (Draw a bar model will help you)

- A. Find the weight of walnuts. Justify your answer.
- B. Find the total weight of the granola. Justify your answer.

Wednesday	Wednesday's Work	Thursday	Thursday's Work										
Write 45% as a decimal.		Use Order of Operations to solve. $3^3 - (60 \div 12) + 5$											
Write $\frac{5}{8}$ as a decimal.		What is the LCM of 3 and 8?											
Write $\frac{3}{10}$ as a percent.		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?											
Express 135% as a decimal.		On 34 acres of land, there are a total of 8,942 trees. If the trees are spread out evenly, how many trees are on each acre of land?											
100 students stated for the dance. 56 of the students were boys. What percent were boys?		Find the quotient. $74.904 \div 0.8$											
There are 10 students in the club. If 4 of the students are girls, what percent are girls?		Every 3 days Seth goes to the grocery store. His best friend Brian goes every 5 days. What is the next day will they both go to the store on the same day?											
What percent is shaded below. 		Anthony purchased 4 burgers for \$4.60. Based on this rate, how much would one burger cost?											
Draw a model of 40%. 		Complete the table. <table border="1" data-bbox="820 1764 1136 1921"> <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>40</td> <td>?</td> </tr> </tbody> </table>	Marbles	Bags	8	1	16	2	24	?	40	?	
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