



HOFFKIDS MATH QUESTIONS (HMQ)

*JUST HIT FILE and PRINT the entire document. Work on it. Bring to class!

Question #	Topic	Math Questions										
HMQ297	Rates Day 1	A rate is a ratio that compares two _____ types of units.										
HMQ298	Rates Day 1	Which of the following is <i>not</i> an example of a rate? multiple choice A 2 cups water for every 3 cups sugar B 120 beats per minute C 16 ounces for \$2 D 8 inches per 12 hours										
HMQ299	REVIEW Ratios	hayden loves softball. He hit the ball 3 times out of 5 tries. Which ratio below is equivalent to the number of hits Hayden made to the number of tries? Multiple choice. A 6:15 B 9:15 C 12:15 D 18:20										
HMQ300	REVIEW Ratios	A recipe calls for 3 cups of orange juice for every 4 cups of fruit punch. If Luis makes a large batch of this recipe, how many cups of fruit punch will be needed if 12 cups of orange juice are used? SHOW YOUR WORK, MAKE AND USE A RATIO TABLE like class!										
HMQ301	Rates (day 1)	12 plates put into 3 stacks = _____ plates per 1 stack										
HMQ302	REVIEW Ratios	True or False? Show your work and proof! There are 35 boys in a group and 42 girls in the group. Lonnie says “That means the ratio of boys to girls in the group is 5:6.” Explain your answer with words and numbers. _____ _____ _____										
HMQ303	Rates (day 1)	Write a RATE in fraction form with labels for the situation: “Carlos rode his bike 120 miles in 5 hours.” It can be simplified or not.										
HMQ304	REVIEW Ratios	A baker made this table to show the number of cups of flour and the number of eggs he needs to make a carrot cake recipe. Carrot Cake Recipe <table border="1" data-bbox="703 1732 1292 1816"> <tr> <td>Cups of Flour (x)</td> <td>2</td> <td>3</td> <td>6</td> <td>60</td> </tr> <tr> <td>Number of Eggs (y)</td> <td>4</td> <td>6</td> <td>12</td> <td></td> </tr> </table> How many eggs are needed if he uses 60 cups of flour?	Cups of Flour (x)	2	3	6	60	Number of Eggs (y)	4	6	12	
Cups of Flour (x)	2	3	6	60								
Number of Eggs (y)	4	6	12									

NAME: _____ Mr. Hoffman

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Question #	Topic	Math Questions
HMQ305	Rates (day 1)	A dog trainer walked his dog 5 miles in 3 hours. At that rate, what is the number of miles she will walk the dog if she walks it for 9 hours? Create and use a ratio table to help you.
HMQ306	Rates (day 1)	If I sent 12 texts per 15 minutes, at this rate how many texts would I send in an hour and a half ? Show your work. A ratio table would help! Be careful!!!
HMQ307	Ratios	<p>Two years ago the chess club had 8 fifth-grade students and 7 sixth grade students.</p> <p>What was the ratio of sixth-grade students to fifth grade students in the chess club? multiple choice.</p> <p style="text-align: center;">A 8 : 15 B 8 : 7 C 7 : 8 D 15 : 8 E 7 : 15</p>
HMQ308	REVIEW Ratios	<p>CHALLENGING (you can do it!)</p> <p>There are 36 paint brushes in a box. Some are red and the rest are blue. The ratio of red to blue is 2:1.</p> <p>How many blue brushes are in the box. (hint: a ratio table is your new best friend!)</p> <p>Show all work:</p>