



**HOFFKIDS MATH QUESTIONS (HMQ)**

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

Question #	Topic	Math Questions
HMQ315	% of Number (day 1)	<p>Emily and her cousin Ralph both had some jellybeans. Emily was having a discussion with her cousin Ralph as to who ate more jellybeans. Emily ate <b>25% of her 60</b> jellybeans. Ralph ate <b>20% of his 80</b> jellybeans.</p> <p>Find how many jellybeans each person ate, and tell who ate more of their jellybeans. show your work. CALCULATOR with set up shown.</p> <p>Answer _____ ate more jellybeans because he/she ate _____.</p>
HMQ316	% problem solve (day 1)	<p>Without calculating, circle the greater amount and explain why it is greater, 51% of 4,000 or 99% of 2,000</p> <p>Explain in detail why you chose the one you did as having a bigger answer</p> <p>_____</p> <p>_____</p>
HMQ317	% p.s. (day 1)	<p>What is 40% of 160? Show your work.</p> <p>Answer: _____</p>
HMQ318	% problem solve (day 1)	<p>The population of 6<sup>th</sup> grade is predicted to increase 5% next year. If the population this year is 400, what is the amount of kids it will go up by next year? Show your work.</p> <p>How many total kids are predicted to be in 6<sup>th</sup> grade next year? Show your work.</p>
HMQ319	% problem solve (day 1)	<p>A rectangular box has a length of 12 inches, a width of 5 inches and a height of 4 in. You filled 60% of its volume with sand. How many cubic inches are now filled with sand? show all work</p>

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Question #	Topic	Math Questions
HMQ320	% problem solve (day 2)	Use a PART-WHOLE ratio table to solve <b>30 is 15% of what number?</b>
HMQ321	% whole p.s. (day 2)	Use a PART-WHOLE ratio table to solve <b>11% of what number is 22?</b>
HMQ322	% whole p.s. (day 2)	Use a PART-WHOLE ratio table to solve 60% of what number is 12?
HMQ323	% problem solve (day 2)	Mr. Hoffman showed the class 11 pounds of Skittles. This was 20% of what he really had in the closet. How many pounds of Skittles does Mr. Hoffman really have? show all work
HMQ324	Rational #'s on # Line	PLOT and label the following four rational numbers correctly in order on the given number line. Hint: Change all to decimals or percents 44%    2/5    0.2    5% 