

NAME: _____ Mr. Hoffman

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HOFFKIDS MATH QUESTIONS (HMQ)

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Question #	Topic	Math Questions
HMQ240	inequalities (day 2)	<p>A solution is a number that is true for a variable. Tell if each number is a SOLUTION to the inequality. Write yes or no for each.</p> $10 \geq h$ <p>A 11 _____ B 10 _____ C 9.5 _____ D 0 _____ E -10 _____</p>
HMQ241	inequalities (day 2)	<p>Create a SET of three numbers for w that would make this inequality true. { _____ _____ _____ }</p> $w \geq -7$
HMQ242	Review write algebraic equation from WP	<p>For each job, a swimming pool cleaning company charges a one-time service fee of \$50 and a \$125 per hour rate for labor. Let c be the total amount the company charges, in dollars, for a job that takes h hours to complete.</p> <p>Write an equation that represents the relationship between c and h. Answer: _____</p> <p>What would the company charge for a job that takes 3 hours? Show your work.</p> <p>Answer: \$ _____</p>
HMQ243	inequalities (day 2)	<p>A solution is a number that is true for a variable. Is the number 5 a solution to the inequality below? Circle YES or NO Show your proof like class.</p> $7c < 35$

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Question #	Topic	Math Questions
HMQ244	inequalities (day 2)	<p>Which number below makes the inequality true? Plug in or use the “better method of getting the variable alone” shown in class today, show work. Multiple choice.</p> $x + 75 \leq 115$ <p>A 75 B 190 C 41 D 40</p>
HMQ245	inequalities (day 2)	<p>Tell if each number is a SOLUTION to the inequality. Write yes or no. Show all work using substitution and decide.</p> $3h + 4 \leq 10$ <p>A 3 _____ B 2.5 _____ C 0 _____ D 2 _____</p>
HMQ246	inequalities (day 2)	<p>The set of numbers {1, 7, 11, 12} contains possible values of m. Which number below is a solution for m? (show your work through substitution). Multiple choice.</p> $4m + 8 \geq 36$ <p>A 1 B 6 C 8 D 0</p>
HMQ247	inequalities (day 2)	<p>Solve the following inequality for t:</p> $3t > 60$
HMQ248	Inequalities (substitution)	<p>Which value or values for the variable y from the set below will make the inequality True? Multiple choice but do the work. Calculator OK!</p> $5 + 1.5y \leq 4y$ $\{0, 0.88, 2, 3.1\}$ <p>A only 3.1 B .88 and 2 C 2 and 3.1 D all values in the set</p>