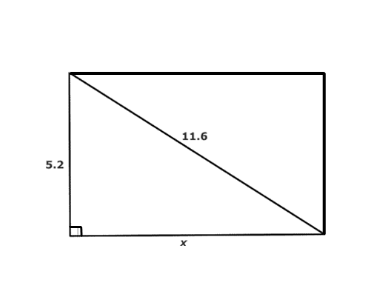
name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ block \_\_\_\_\_ Week x Week #21: 2/10 – 2/17, 2017

Solve each problem. Make sure that you show ALL WORK involved in solving the problem in order to get full credit.

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| http://math.fullcoll.edu/art/sample-graphs/linear-graph-8.png  What is the slope of the line graphed above?  What is the y-intercept of the line graphed above?  Write the slope-intercept equation of the line graphed above. | Find the length of the rectangle. Round to the nearest tenth if necessary.  What is the perimeter of the rectangle?  *If , find the value of* . | *Simplify. There should be NO negative exponents!*   * ((73)2)0 * 4-3 * (x3y6)3 * b4 ∙ b-6 |

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| For lunch, Ray had a hamburger and potato chips. The hamburger had 325 calories and each chip had 12 calories.  Write an equation that represents the total calories Ray consumed if he ate *x* potato chips.  If the meal had 541 calories, how many chips did Ray eat?  What will be the total calories that Ray consumes of he eats 12 potato chips? | What is the y-intercept of the line that goes through the points (-3,6) and (6,0)?  Write the equation of the line that goes through the points (-3,6) and (6,0).  A triangle has side lengths of 12 cm, 20 cm, and 18 cm. Is this triangle a right triangle? **Explain** why you know this?  Put the following numbers in order from least to greatest: | | *Evaluate. NO CALCULATOR!!!!!*  *\*\**  *\*\**  *\*\**  Solve: | |
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