name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ block \_\_\_\_\_ Week x Week #22: 2/17 – 2/24, 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://t2.gstatic.com/images?q=tbn:ANd9GcRNF4tf_t9Wn5Z-QPqh3rHNNB0BnXUNy2EmgouzvjTLJnNQanf9Cw  What is the y-intercept for the line graphed above?  What is the slope of the line graphed above?  Write the slope-intercept equation for the line graphed above. | ∆LMN will be translated so that the coordinates of M’ are (5, -1). What will be the coordinates of:  L’ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  N’ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  What was the translation rule that was used? | Solve each equation. Show all work.  12 – 9*w* = 75  –2(*p* – 5) + 7*p* = –5  7*n* – 20 = 9(4*n* + 1) |

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| Simplify:  http://t2.gstatic.com/images?q=tbn:ANd9GcTKjoWQEHezwsDd-WwHRLRSwTPH6qnH0sZ1b1xjVdi7FwrG6U1PngFind the volume of the cone to the nearest tenth. | Given the equation  Find the slope of the line.  Find the y-intercept of the line.  Evaluate. Write your answer in scientific notation.  (2.5 x 10-3)(6 x 1015) | | To the nearest tenth, what is the perimeter of quadrilateral *ABCD*? | |
| Simplify:  http://t2.gstatic.com/images?q=tbn:ANd9GcTKjoWQEHezwsDd-WwHRLRSwTPH6qnH0sZ1b1xjVdi7FwrG6U1PngFind the volume of the cone to the nearest tenth. | Given the equation  Find the slope of the line.  Find the y-intercept of the line.  Evaluate. Write your answer in scientific notation.  (2.5 x 10-3)(6 x 1015) | | To the nearest tenth, what is the perimeter of quadrilateral *ABCD*? | |