name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ block \_\_\_\_\_ Week x Week #22A: 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  Write the equation for the line that is **parallel** to the line graphed above and goes through the point (-2, -1).  Slope-intercept \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Point-slope \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Standard \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Simplify:   * (2a2 – 5a + 2) – (3 – 3a + 2a2) | Simplify:   * (x2y)(4xy3) * (2x – 4)(3x + 2) * (25a2b)3(abc)2 * 3b2(4a2b – 3ab2 + 5b3) |

name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ block \_\_\_\_\_ Week x Week #22A: 2/17 – 2/24, 2017

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| http://t2.gstatic.com/images?q=tbn:ANd9GcRNF4tf_t9Wn5Z-QPqh3rHNNB0BnXUNy2EmgouzvjTLJnNQanf9Cw  Write the equation for the line that is **parallel** to the line graphed above and goes through the point (-2, -1).  Slope-intercept \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Point-slope \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Standard \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | Simplify:   * (2a2 – 5a + 2) – (3 – 3a + 2a2) | | Simplify:   * (x2y)(4xy3) * (2x – 4)(3x + 2) * (25a2b)3(abc)2 * 3b2(4a2b – 3ab2 + 5b3) | |
| Simplify:  (-5)2 – (0.5)-2  m(m-7n3)-2n-3  http://t0.gstatic.com/images?q=tbn:ANd9GcScYo538pQZ0KrTjVYsAuqMeu6cAu2hFE3UEXSheRNedCnddyR0EAWrite an inequality to represent the following graph: | A square and a rectangle have the same perimeter. The length of the rectangle is 4 cm less than twice the side of the square, and the width of the rectangle is 6 cm less than the side of the square. Find the perimeter of each figure.  Evaluate. Write your answer in scientific notation.  (2.5 x 10-3)(6 x 1015) | | Given the equation  Find the slope of the line.  Find the y-intercept of the line.  Mr. Angerer drove 211 miles in 4 hours and 15 minutes. Find his rate in miles per minute. | |
| Simplify:  (-5)2 – (0.5)-2  m(m-7n3)-2n-3  http://t0.gstatic.com/images?q=tbn:ANd9GcScYo538pQZ0KrTjVYsAuqMeu6cAu2hFE3UEXSheRNedCnddyR0EAWrite an inequality to represent the following graph: | A square and a rectangle have the same perimeter. The length of the rectangle is 4 cm less than twice the side of the square, and the width of the rectangle is 6 cm less than the side of the square. Find the perimeter of each figure.  Evaluate. Write your answer in scientific notation.  (2.5 x 10-3)(6 x 1015) | | Given the equation  Find the slope of the line.  Find the y-intercept of the line.  Mr. Angerer drove 211 miles in 4 hours and 15 minutes. Find his rate in miles per minute. | |