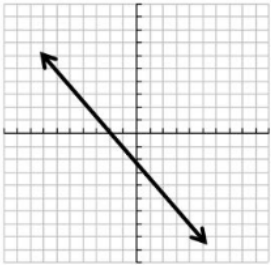


Name: \_\_\_\_\_ Block: *Algebra Daily 5 Week 7*

Tuesday	<del>+3x</del> +3x	Wednesday
<p>Which <b>BEST</b> describes the system?  <math>3x + y = 12</math>  <math>y = 3x - 2</math> <i>m=3</i></p> <p>A. The system cannot be solved.                      B. One solution; lines intersect                      C. Two solutions; lines are parallel  <input checked="" type="radio"/> D. No solution; lines are parallel</p>		<p>Factor the following expression.  <math>8x^3 - 12x^2y - 14x + 21y</math></p>
<p>Which of the following would be the most appropriate first step if you wanted to solve this system of equations using elimination?  <math>2x + y = 11</math>  <math>x + 3y = -18</math></p> <p>A. Multiply the second equation by 2  <input checked="" type="radio"/> B. Multiply the second equation by -2                      C. Multiply the second equation by 3                      D. Multiply the second equation by -3</p>		<p>If the sum of 5 consecutive odd integers is greatest than 265, what are the smallest integers that would work?</p>
<p>Ed and Greg are working on their math homework. Ed says (2, 0) is a solution to <math>y &lt; 4x - 8</math>. Greg disagrees.  <i>x, y</i>  <math>0 &lt; 4(2) - 8</math>  <math>0 &lt; 8 - 8</math>  <math>0 &lt; 0</math></p> <p>Who is correct and why?</p> <p>A. Ed b/c when he plugged (2, 0) into the expression, it resulted in a true statement, <math>0 = 0</math>.                      B. Ed b/c when he graphed the expression, (2, 0) was on the boundary line, so it is a solution.  <input checked="" type="radio"/> C. Greg b/c when he plugged (2, 0) into the expression it resulted in a false statement, <math>0 &lt; 0</math>.                      D. Greg b/c when he graphed the expression, (2, 0) was not on the boundary line, so it is not a solution.</p>		<p>Juwaun decides to go to the Wheeler softball game. It is \$3 to get in and then \$1 per drink and \$1.50 per Zaxby nibbler. If he buys d drinks and n nibblers, write an equation in function notation to represent how much he spent.</p> <p>Then identify the coefficients and constants and describe what they mean in context.</p>
	<p>Determine the range of the function.</p> <p>A. <math>y \geq -2</math>                      B. <math>x \geq -2</math>                      C. No Solution  <input checked="" type="radio"/> D. All Real Numbers</p>	<p>Katy has a playground at her school. The width of the playground is 10 ft less than triple the length, and the perimeter totals 236 ft, what are the dimensions of the playground?</p>
<p>If a system of linear equations has no solution, what do you know about the graphs of the equations?</p> <p>A. The graphs coincide                      B. The graphs intersect  <input checked="" type="radio"/> C. The graphs are parallel                      D. The graphs are perpendicular</p>		<p>Katy is planting flowers around her playground. She wants to plant 5 tulips every 2 feet. A qt. of tulips has 8 tulips. A crate of tulips has 4 qts. If each crate costs \$2.25, how much would Katy spend to purchase EXACTLY enough flowers for the playground? How much would she practically spend?</p>