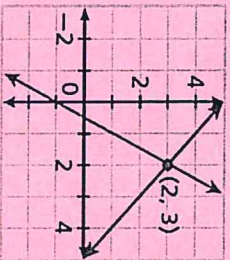


Name _____

Monday	Tuesday
<p>REMINDER: How do you solve a system of equations by graphing?</p> <p>Step 1: Set-up each equation to be graphed in slope-intercept form (solve for y).</p> <p>Step 2: Graph each equation and look for the intersection point; write the ordered pair as your answer.</p> <p>Step 3: Check your answer by substituting the point in both equations.</p> <p>If $a - b = 12$ and $\frac{b}{2} = 10$, what is the value of $a + b$?</p> <p>A) 2 B) 12 C) 32 D) 52</p>	<p>A software company is selling a new game in a standard edition and a collector's edition. The box for the standard edition has a volume of 20 cubic inches, and the box for the collector's edition has a volume of 30 cubic inches. The company receives an order for 75 copies of the game, and the total volume of the order to be shipped is 1,870 cubic inches. Which of the following systems of equations can be used to determine the number of standard edition games, s, and collector's edition games, c, that were ordered?</p> <p>A) $75 - s = c$ $20s + 30c = 1,870$</p> <p>B) $75 - s = c$ $30s + 20c = 1,870$</p> <p>C) $s - c = 75$ $25(s + c) = 1,870$</p> <p>D) $s - c = 75$ $30s + 20c = 1,870$</p> <p>Choose a wrong answer to the problem above and explain why you know it is wrong: _____</p>



Name _____

Wednesday	Thursday	Friday
<p>Two types of tickets were sold for a concert held at an amphitheater. Tickets to sit on a bench during the concert cost \$75 each, and tickets to sit on the lawn during the concert cost \$40 each. Organizers of the concert announced that 350 tickets had been sold and that \$19,250 had been raised through ticket sales alone. Which of the following systems of equations could be used to find the number of tickets for bench seats, B, and the number of tickets for lawn seats, L, that were sold for the concert?</p> <p>A) $(75B)(40L) = 1,950$ $B + L = 350$</p> <p>B) $40B + 75L = 19,250$ $B + L = 350$</p> <p>C) $75B + 40L = 350$ $B + L = 19,250$</p> <p>D) $75B + 40L = 19,250$ $B + L = 350$</p> <p>An online bookstore sells novels and magazines. Each novel sells for \$4, and each magazine sells for \$1. If Sadie purchased a total of 11 novels and magazines that have a combined selling price of \$20, how many novels did she purchase?</p> <p>A) 2</p> <p>B) 3</p> <p>C) 4</p> <p>D) 5</p> <p>Find someone who solved it a different way.</p>	<p>Between 1497 and 1500, Amerigo Vespucci embarked on two voyages to the New World. According to Vespucci's letters, the first voyage lasted 43 days longer than the second voyage, and the two voyages combined lasted a total of 1,003 days. How many days did the second voyage last?</p> <p>A) 460</p> <p>B) 480</p> <p>C) 520</p> <p>D) 540</p> <p>$7x + 3y = 8$ $6x - 3y = 5$</p> <p>For the solution (x, y) to the system of equations above, what is the value of $x - y$?</p> <p>A) $-\frac{4}{3}$</p> <p>B) $\frac{2}{3}$</p> <p>C) $\frac{4}{3}$</p> <p>D) $\frac{22}{3}$</p>	<p>The sum of three numbers is 855. One of the numbers, x, is 50% more than the sum of the other two numbers. What is the value of x ?</p> <p>A) 570</p> <p>B) 513</p> <p>C) 214</p> <p>D) 155</p> <p>$\frac{1}{2}y = 4$ $x - \frac{1}{2}y = 2$</p> <p>The system of equations above has solution (x, y). What is the value of x ?</p> <p>A) 3</p> <p>B) $\frac{7}{2}$</p> <p>C) 4</p> <p>D) 6</p>