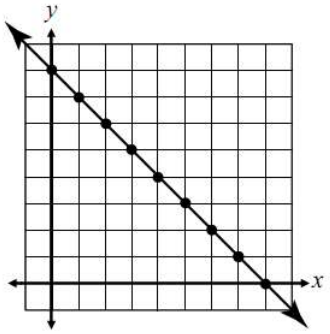
Name:	Date:
Topic:	Class:

Main Ideas/Questions	Notes/Examples
X- and Y-Intercepts	➢ The point at which the line intersects the x-axis is called the ***x*-intercept.** ➢ The point at which the line intersects the y-axis is called the ***y*-intercept.** ➢ **Example:** Identify the x- and y-intercept of the graph shown to the right. 
Finding Intercepts Algebraically	➢ To find the x-intercept of an equation: _____ ➢ To find the y-intercept of an equation: _____ ➢ **Example:** Find the x- and y-intercept of the equation $y = 3x + 6$.
Examples	**Directions:** Find the x- and y-intercept of each equation. **1.** $y = -x + 5$ ***x*-int:** _____ ***y*-int:** _____ **2.** $y = \frac{1}{2}x - 8$ ***x*-int:** _____ ***y*-int:** _____ **3.** $y = -\frac{4}{3}x + 2$ ***x*-int:** _____ ***y*-int:** _____

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