Linear Equations 2.3
Algebra 2

In problems 1-2 perform the following:

A. Use a t-table to find four solutions. Find and label the x and y-intercepts.
B. Graph the equation.
C. Find the slope of the graph.

1) $4x + y = 8$

2) $3q = 5p + 4$

Put the following equations in slope-intercept form. Graph them with their x and y-intercepts. State the slope of each graph.

3) $y - 3x = 6$

4) $5a + 3b = 15$

5) $8j = -12k - 24$

6) $7y + 4x - 5y = 12 + 2y$

7) What does it mean for value(s) to satisfy an equation?

8) What is a solution of an equation?

9) What is the graph of an equation?

10) What is the x-intercept? What do we always know about it?

11) What is the y-intercept? What do we always know about it?

12) What is slope?