Notes: Graphing Using Table of Values (T-chart)

means: _____

Determine whether the given point is a solution of the equation:

1. (3, 7) ; $y = 2x + 1$ 2. (-2, 3) ; $2y = 4x - 8$

Step 1: Solve for Y
Step 2: Find a solution of an equation with 2 variables by:
- Choosing a value for one variable (x)   • Substituting/computing to find the other variable (y)

x = independent variable, input or given   y = dependent variable, output, or what you are trying to find

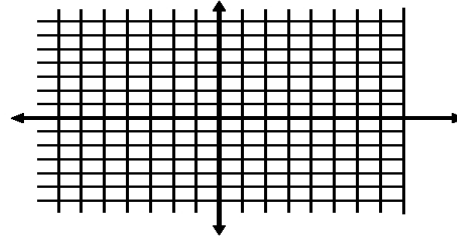**Find 4 solutions for each equation.**

*3. $y - 3x = -2$ x | y   **4. $2x + 3y = 9$ x | y

Make a table of 4 solutions and graph (plot points and draw line).

*5. $y - x = 3$ x | y
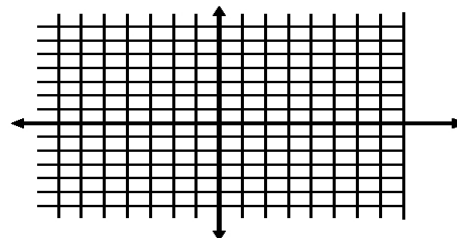
*6. $4x + y = 1$ x | y

**7. $2x + 3y = 6$ x | y

*8. $y = -2(x + 3)$ x | y

* Y = equations with no or 2 fractions: pick x-values of _____, _____, _____, and _____.

** Y = equations with 1 fraction: use _____, the _____, the _____ denominator, and the _____ # the denominator evenly divides into.