

Name: _____
 Period: _____ Date: _____

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

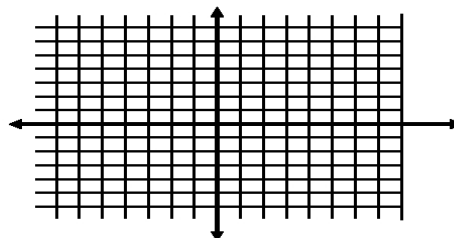
**4. $2x + 3y = 9$

x	y

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

*5. $y - x = 3$

x	y

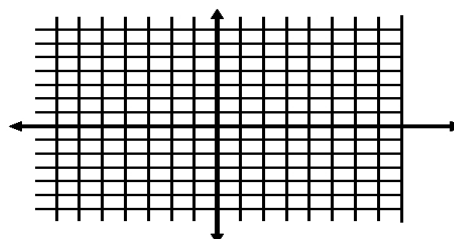


*6. $4x + y = 1$

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.