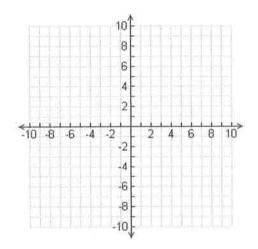
Name:

Name: ___

1. Find the solution to the following system graphically.

$$y - x = 1$$
$$2y + x = 8$$



2. How many solutions does the following system have?

$$3x - y + 7 = 0$$

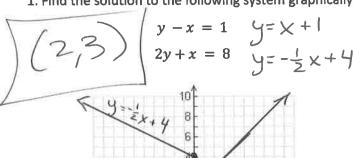
$$3y - 9x = -21$$

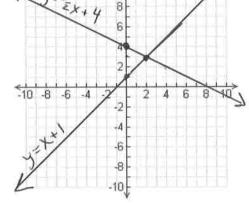
3. Solve the following system by substitution.

$$y = 2x + 1$$

$$3y + 5 = x + 12$$

1. Find the solution to the following system graphically.





2. How many solutions does the following system have?

$$3x-y+7=0$$
 $y=3x+7$

$$3y - 9x = -21$$
 $3y = 9x - 21$ $y = 3x - 7$

* SAME SLOPE * DIFFERENT Y-INT

.. No solution

3. Solve the following system by substitution.

$$y = 2x + 1$$

$$3y + 5 = x + 12$$

3(2x+1)+5= X+12

6x+3+5= X+12

6x+8 = X+12

$$X = \frac{4}{F}$$