

Name: _____

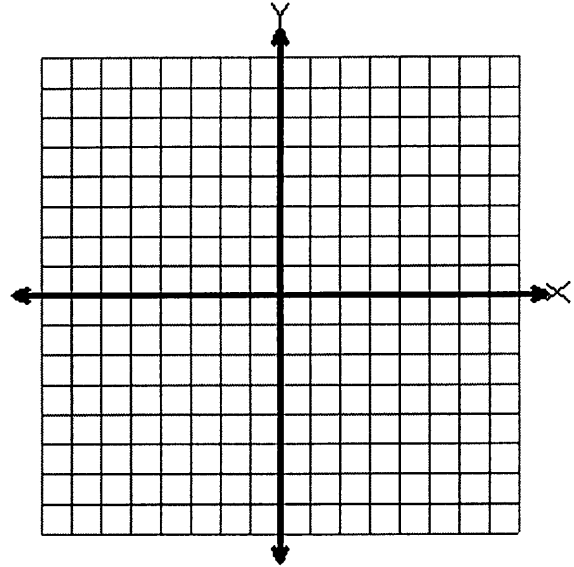
Find Someone with a White Paper:

Your Equation: $y = -\frac{1}{2}x + 3$

White Equation: _____

Check Your Equation

Graphing



Check Your Partners Equation

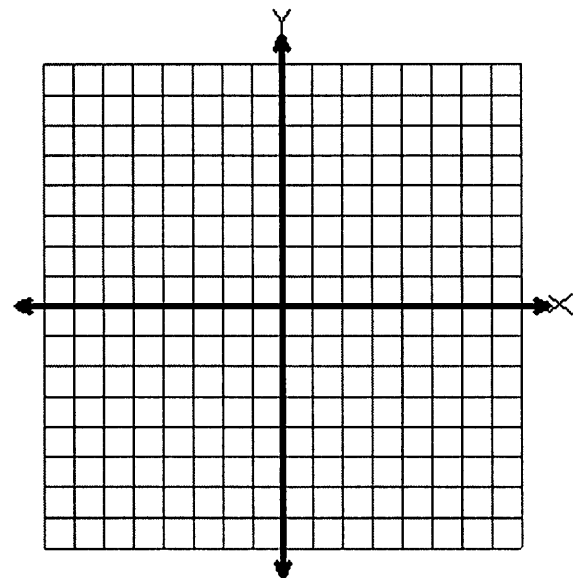
Find Someone with a Pink Paper:

Your Equation: $2y + x = 4$

Pink Equation: _____

Check Your Equation

Graphing



Check Your Partners Equation

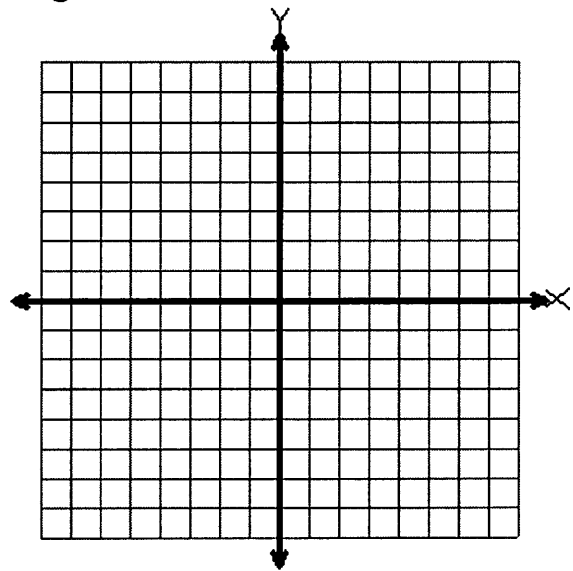
Find Someone with a Blue Paper:

Your Equation: $2y = x - 6$

Blue Equation: _____

Check Your Equation

Graphing



Check Your Partners Equation

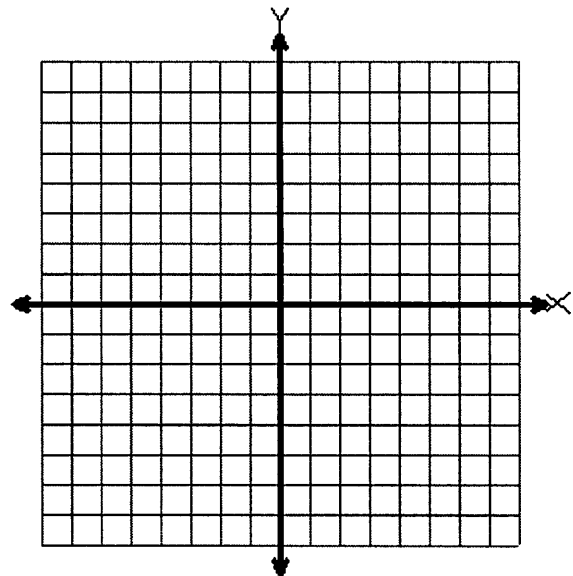
Find Someone with an Orange Paper:

Your Equation: $y - 3 = 4x$

Orange Equation: _____

Check Your Equation

Graphing



Check Your Partners Equation

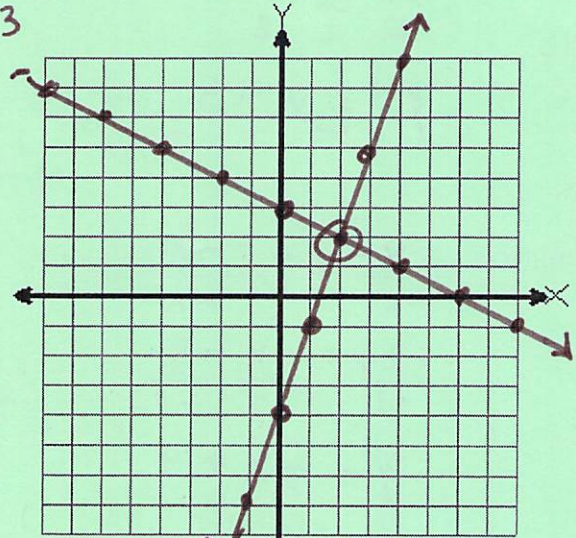
Name: _____

Find Someone with a White Paper:

Graphing

Your Equation: $y = -\frac{1}{2}x + 3$

$y = -\frac{1}{2}x + 3$



White Equation: $y = 3x - 4$

$(2, 2)$

$y = 3x - 4$

Check Your Equation

$$y = -\frac{1}{2}x + 3$$

$$2 = -\frac{1}{2}(2) + 3$$

$$2 = -1 + 3$$

$$2 = 2 \checkmark$$

Check Your Partners Equation

$$y = 3x - 4$$

$$2 = 3(2) - 4$$

$$2 = 6 - 4$$

$$2 = 2$$

Find Someone with a Pink Paper:

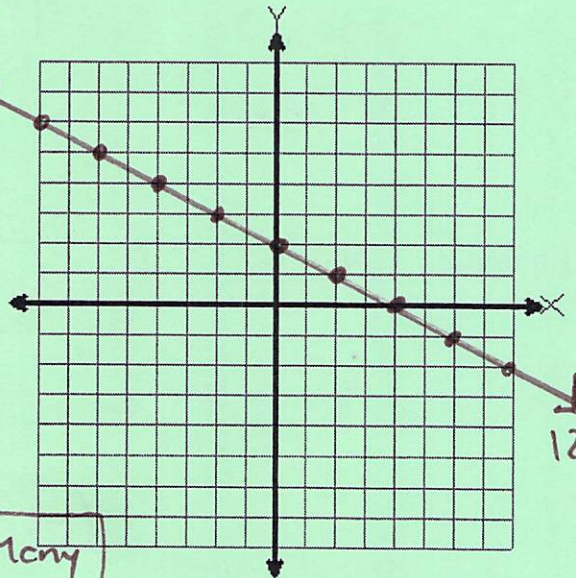
Graphing

Your Equation: $2y + x = 4$

$$\begin{matrix} -x & -x \\ 2y & = & -x & + & 4 \\ \hline 2 & & 2 & & 2 \end{matrix}$$

$$y = -\frac{1}{2}x + 2$$

$2y + x = 4$



Pink Equation: $\frac{12y}{12} = \frac{-6x}{12} + \frac{24}{12}$

$y = -\frac{1}{2}x + 2$

$12y = -6x + 24$

Check Your Equation

$$2y + x = 4$$

$$2(2) + 0 = 4$$

$$4 = 4$$

$(0, 2)$

Infinately Many Solutions

Check Your Partners Equation

$$12y = -6x + 24$$

$$12(2) = -6(0) + 24$$

$$24 = 24 \checkmark$$

Find Someone with a Blue Paper:

Graphing

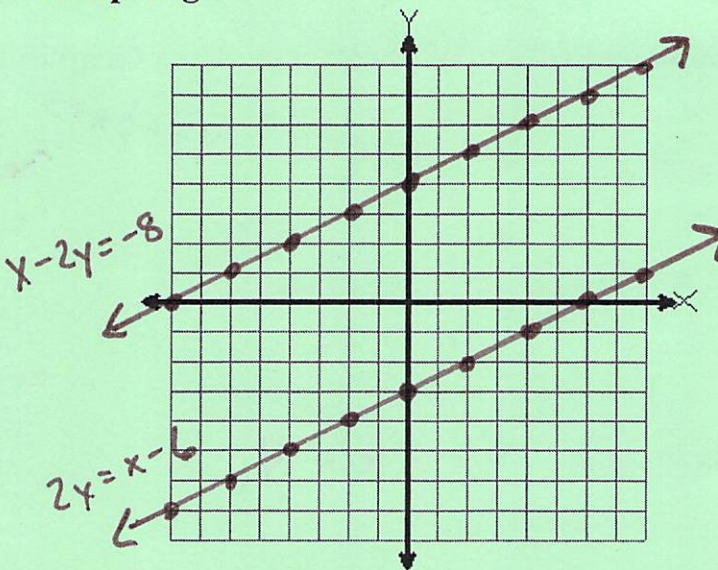
Your Equation: $2y = x - 6$

$y = \frac{1}{2}x - 3$

Blue Equation: $x - 2y = -8$

$-2y = -x - 8$

$y = \frac{1}{2}x + 4$



Check Your Equation

Check Your Partners Equation

No Solution

Find Someone with an Orange Paper:

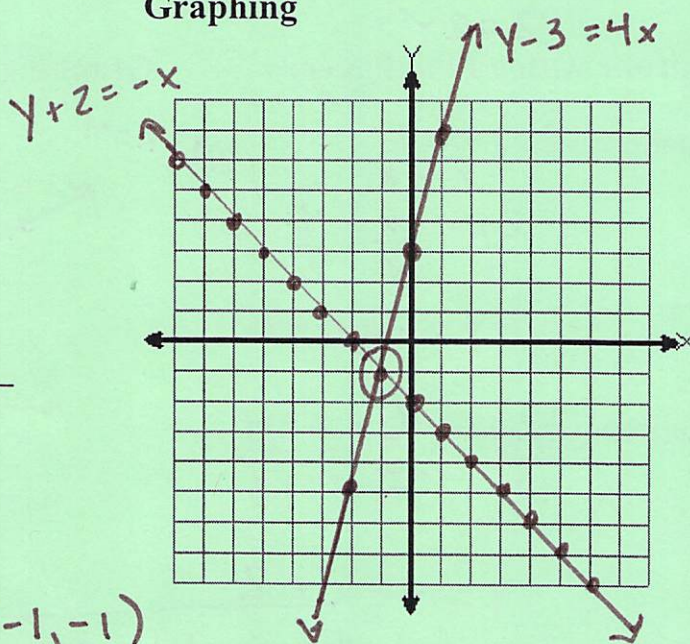
Graphing

Your Equation: $y - 3 = 4x$

$y = 4x + 3$

Orange Equation: $y + 2 = -x$

$y = -x - 2$



$(-1, -1)$

Check Your Equation

Check Your Partners Equation

$y - 3 = 4x$
 $-1 - 3 = 4(-1)$
 $-4 = -4 \checkmark$

$y + 2 = -x$
 $-1 + 2 = -(-1)$
 $1 = 1 \checkmark$