

Name: _____

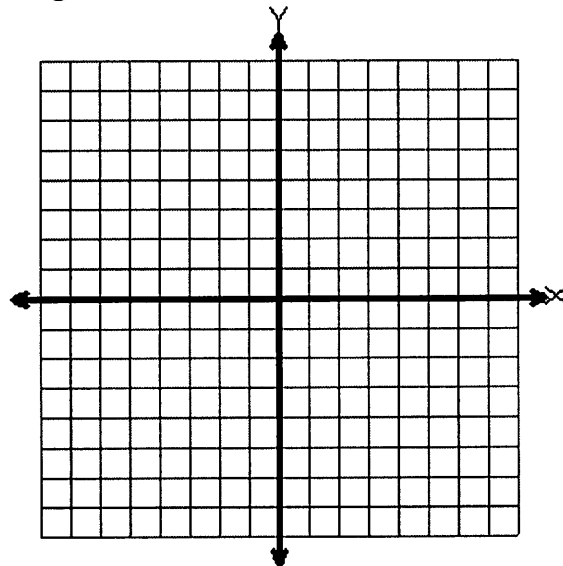
Find Someone with a White Paper:

Your Equation: $-3y = 6x + 3$

White Equation: _____

Check Your Equation

Graphing



Check Your Partners Equation

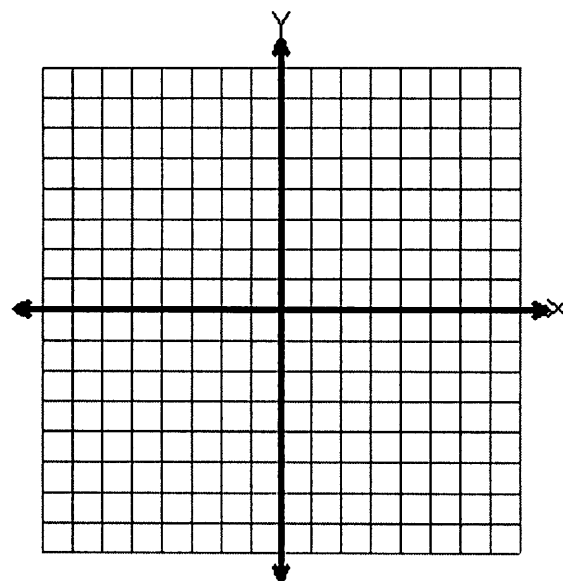
Find Someone with a Green Paper:

Your Equation: $12y = -6x + 24$

Green Equation: _____

Check Your Equation

Graphing



Check Your Partners Equation

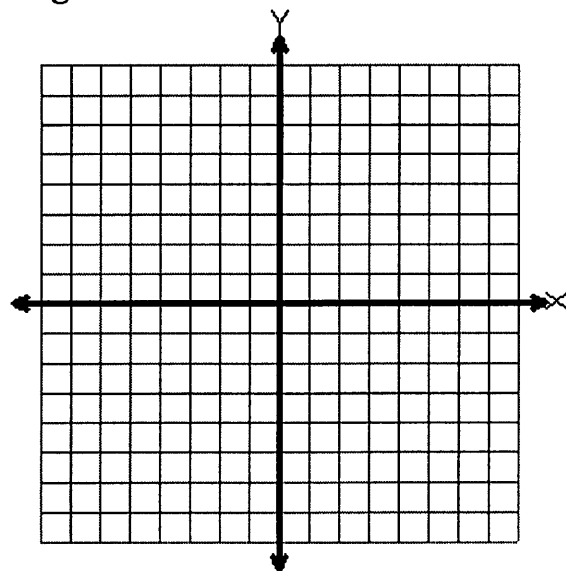
Find Someone with a Blue Paper:

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

Blue Equation: _____

Check Your Equation

Graphing



Check Your Partners Equation

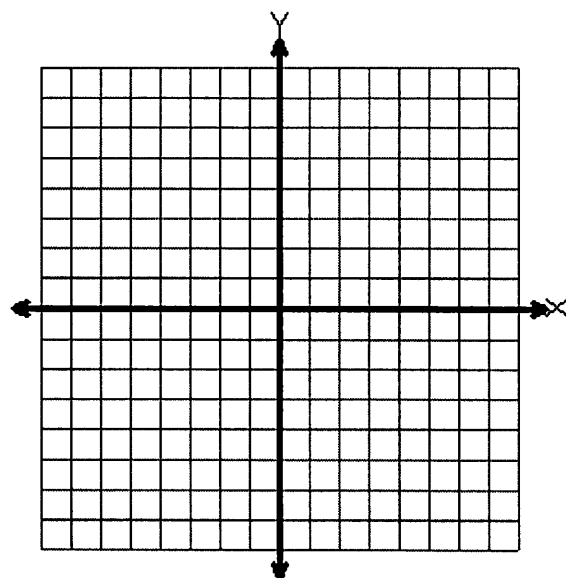
Find Someone with an Orange Paper:

Your Equation: $x = 4$

Orange Equation: _____

Check Your Equation

Graphing



Check Your Partners Equation

Name: _____

Graphing Systems Reinforcement Activity **Pink**

Find Someone with a White Paper:

Your Equation:
$$\frac{-3y}{-3} = \frac{6x+3}{-3}$$

$$y = -2x - 1$$

White Equation:
$$\frac{-2x - 1}{+2x} = \frac{1}{+2x}$$

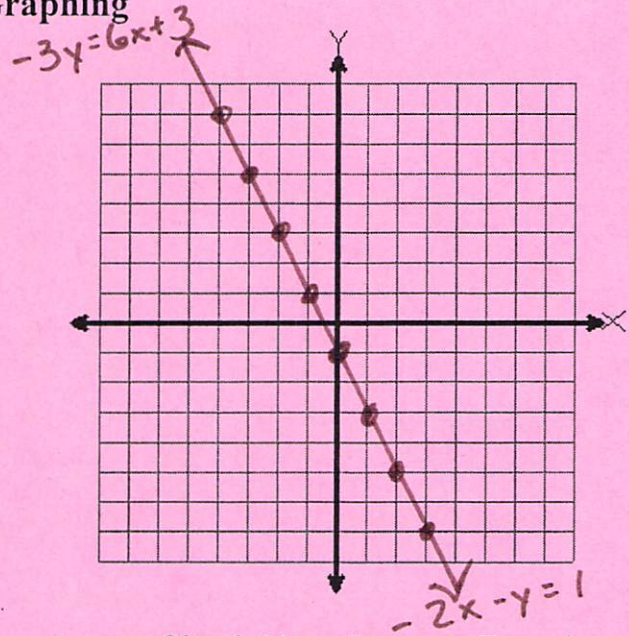
$$\frac{-1y}{-1} = \frac{2x+1}{-1}$$

$$y = -2x - 1$$

Check Your Equation

$$\begin{aligned} -3y &= 6x + 3 \\ -3(-1) &= -6(0) + 3 \\ 3 &= 3 \checkmark \end{aligned}$$

Graphing



Infinitely

Many
Solutions

(0, -1)

Check Your Partners Equation

$$\begin{aligned} -2x - y &= 1 \\ -2(0) - (-1) &= 1 \\ 1 &= 1 \checkmark \end{aligned}$$

Find Someone with a Green Paper:

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

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

Green Equation:
$$\frac{2y+x}{-x} = \frac{4}{-x}$$

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

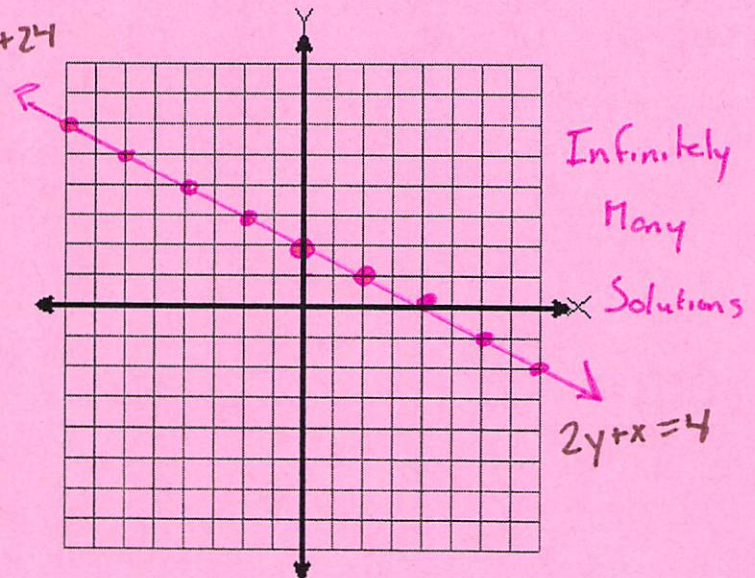
$$y = -\frac{1}{2}x + 2$$

Check Your Equation

$$\begin{aligned} 12y &= -6x + 24 \\ 12(2) &= -6(0) + 24 \\ 24 &= 24 \checkmark \end{aligned}$$

$$24 = 24 \checkmark$$

Graphing



Infinitely
Many
Solutions

(0, 2)

Check Your Partners Equation

$$\begin{aligned} 2y + x &= 4 \\ 2(2) + 0 &= 4 \\ 4 &= 4 \end{aligned}$$

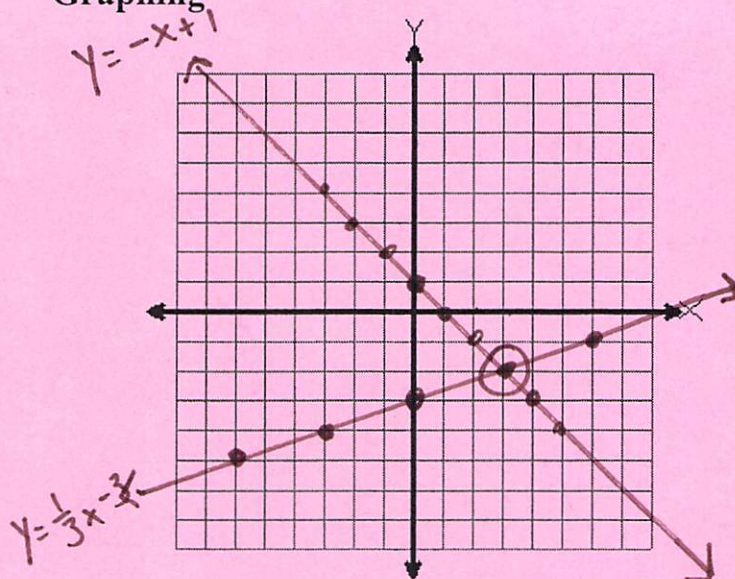
$$4 = 4$$

Find Someone with a Blue Paper:

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

Blue Equation: $y = -x + 1$

Graphing



Check Your Equation (3, -2)

$$\begin{aligned} y &= \frac{1}{3}x - 3 \\ -2 &= \frac{1}{3}(3) - 3 \\ -2 &= 1 - 3 \\ -2 &= -2 \checkmark \end{aligned}$$

Check Your Partners Equation

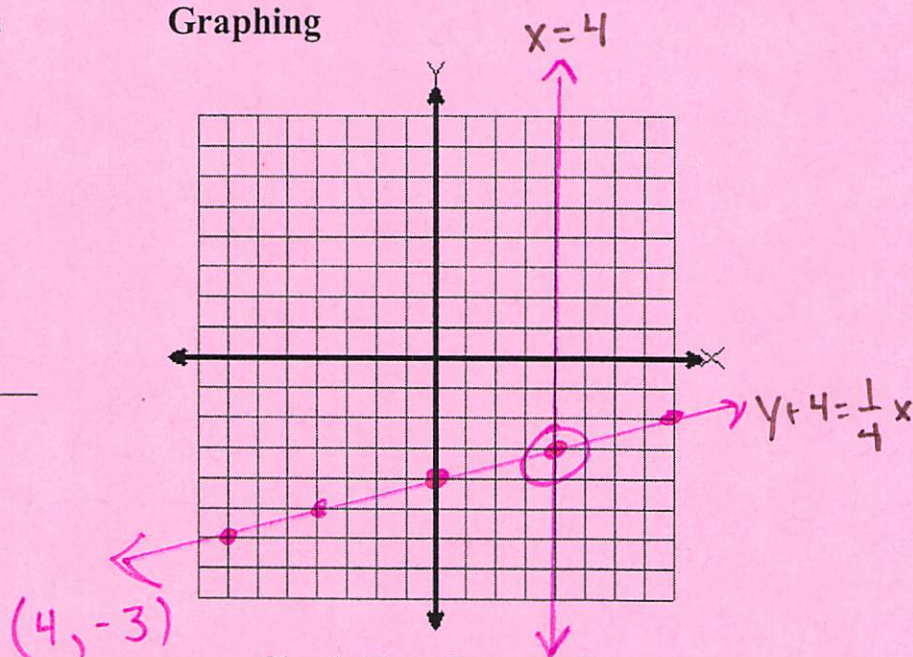
$$\begin{aligned} y &= -x + 1 \\ -2 &= -3 + 1 \\ -2 &= -2 \checkmark \end{aligned}$$

Find Someone with an Orange Paper:

Your Equation: $x = 4$

Orange Equation: $y + 4 = \frac{1}{4}x$
 ~~$y + 4 = \frac{1}{4}x$~~
 $y = \frac{1}{4}x - 4$

Graphing



Check Your Equation

$$\begin{aligned} x &= 4 \\ 4 &= 4 \checkmark \end{aligned}$$

Check Your Partners Equation

$$\begin{aligned} y + 4 &= \frac{1}{4}x \\ -3 + 4 &= \frac{1}{4}(4) \\ 1 &= 1 \checkmark \end{aligned}$$