

Name: _____

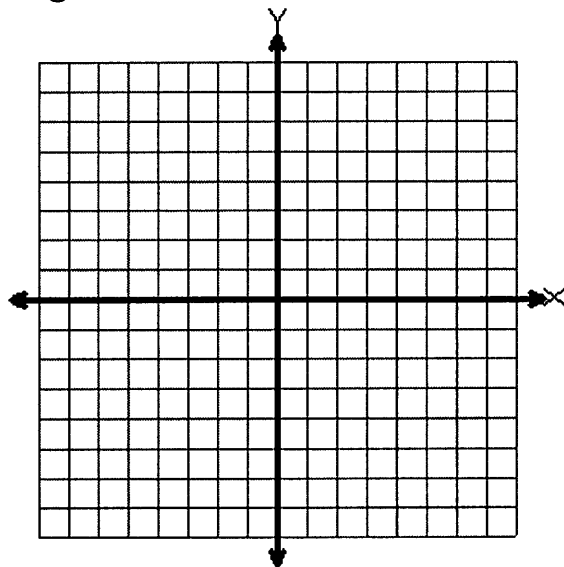
Find Someone with a Pink Paper:

Your Equation: $-2x - y = 1$

Pink Equation: _____

Check Your Equation

Graphing



Check Your Partners Equation

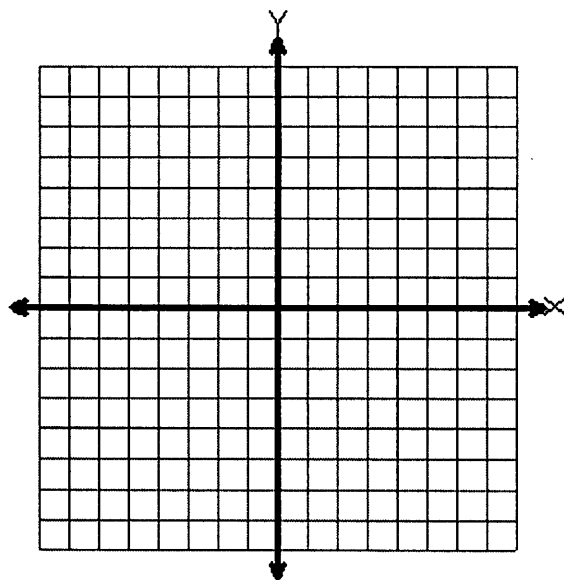
Find Someone with a Green Paper:

Your Equation: $y = 3x - 4$

Green Equation: _____

Check Your Equation

Graphing



Check Your Partners Equation

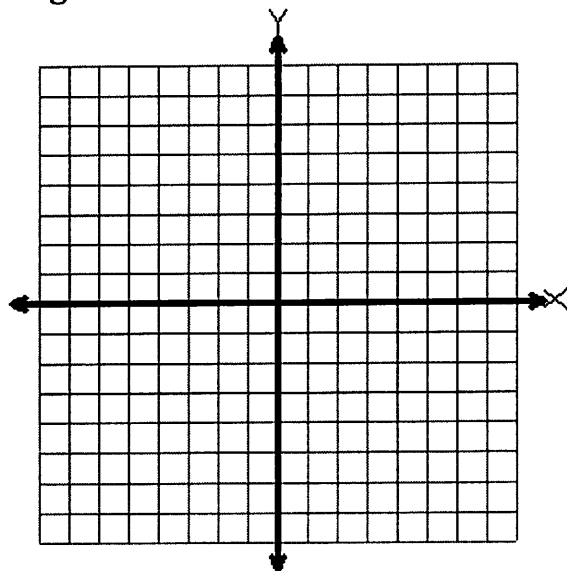
Find Someone with a Blue Paper:

Your Equation: $y = 4$

Blue Equation: _____

Check Your Equation

Graphing



Check Your Partners Equation

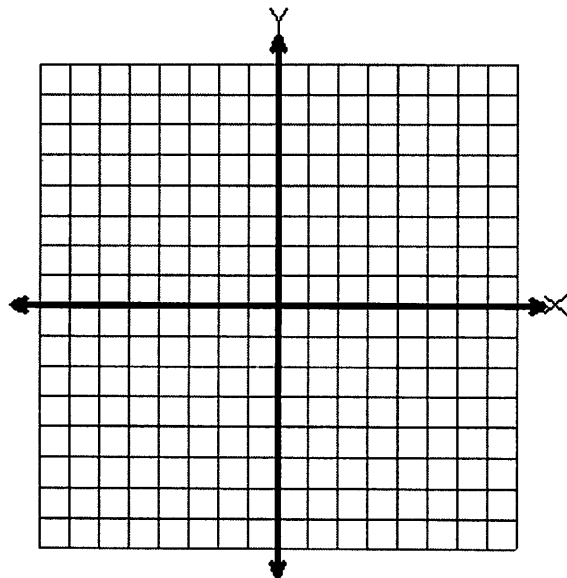
Find Someone with an Orange Paper:

Your Equation: $2y = -5x + 4$

Orange Equation: _____

Check Your Equation

Graphing



Check Your Partners Equation

Name: _____

Find Someone with a Pink Paper:

Your Equation: $-2x - y = 1$

$$+2x \quad +2x$$

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

$$y = -2x - 1$$

Pink Equation:

$$\frac{-3y = 6x + 3}{-3} \quad \frac{6x}{-3} \quad \frac{+3}{-3}$$

$$y = -2x - 1$$

Check Your Equation

$$-2x - y = 1$$

$$-2(-2) - 3 = 1$$

$$4 - 3 = 1$$

$$1 = 1 \checkmark$$

Find Someone with a Green Paper:

Your Equation: $y = 3x - 4$

Green Equation:

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

Check Your Equation

$$y = 3x - 4$$

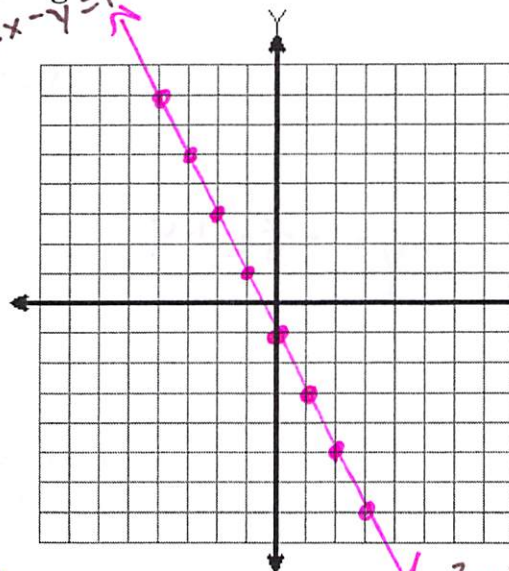
$$2 = 3(2) - 4$$

$$2 = 6 - 4$$

$$2 = 2 \checkmark$$

Graphing

$$-2x - y = 1$$



Infinitely
Many
Solutions

$(-2, 3)$

Check Your Partners Equation

$$-3y = 6x + 3$$

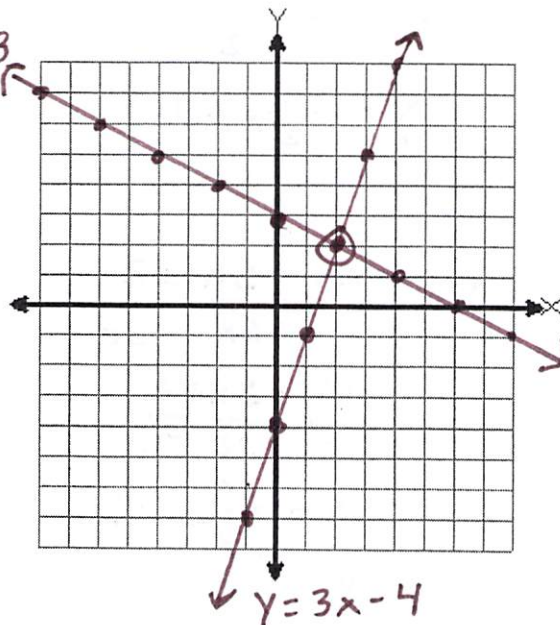
$$-3(3) = 6(-2) + 3$$

$$-9 = -12 + 3$$

$$-9 = -9 \checkmark$$

Graphing

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



$(2, 2)$

Check Your Partners Equation

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

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

$$2 = -1 + 3$$

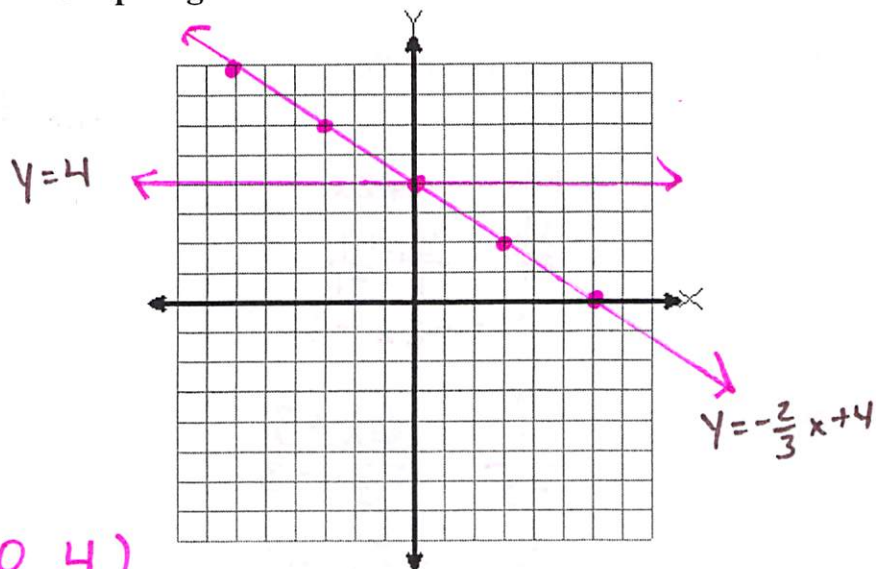
$$2 = 2 \checkmark$$

Find Someone with a Blue Paper:

Your Equation: $y = 4$

Blue Equation: $y = -\frac{2}{3}x + 4$

Graphing



Check Your Equation

$$y = 4$$

$$4 = 4 \checkmark$$

Check Your Partners Equation

$$y = -\frac{2}{3}x + 4$$

$$4 = -\frac{2}{3}(0) + 4$$

$$4 = 0 + 4$$

$$4 = 4 \checkmark$$

Find Someone with an Orange Paper:

Your Equation: $\frac{2y}{2} = \frac{-5x+4}{2} \frac{2}{2}$

$$y = -\frac{5}{2}x + 2$$

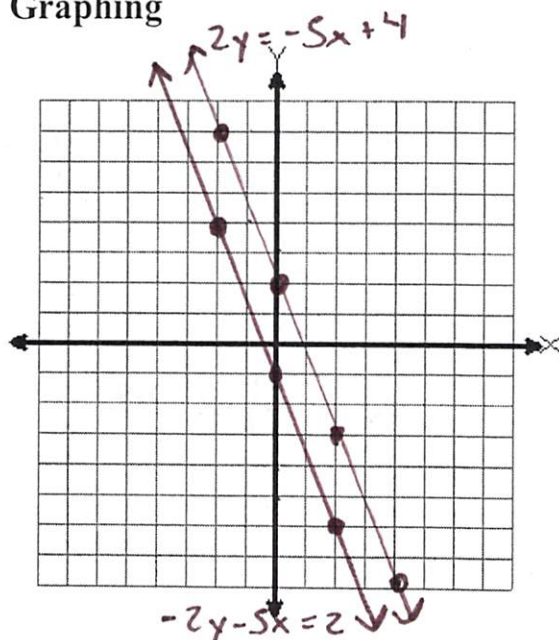
Orange Equation: $\frac{-2y - 5x = 2}{+5x +5x}$

$$\frac{-2y}{-2} = \frac{5x+2}{-2} \frac{2}{-2}$$

$$y = -\frac{5}{2}x - 1$$

Check Your Equation

Graphing



Check Your Partners Equation

No
Solution