

Solve each equation for y .

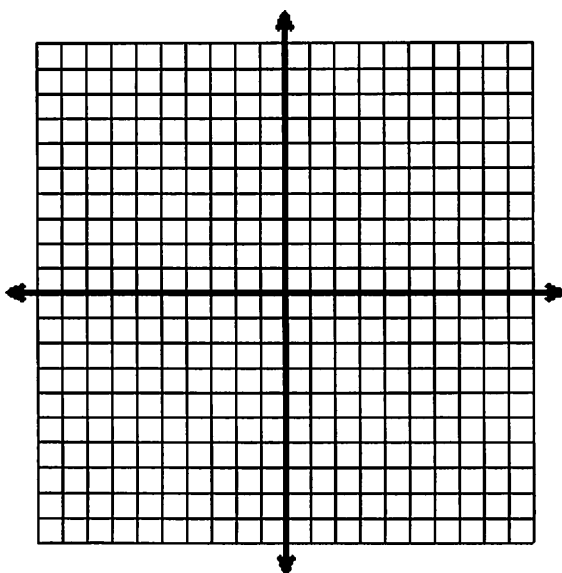
$$2y = 3(x + 6)$$

$$x - y = 3$$

$$\frac{y}{3} - 3x = 8$$

Solve and Check the System of Equations

A: $\frac{y}{5} = -x + \frac{4}{5}$



B: $4y = 3x - 12$

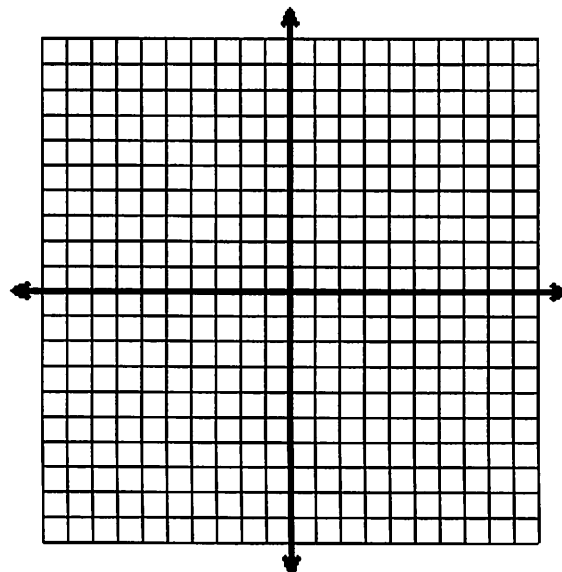
Solution:

Check:

A:

B:

A: $y - x = 0$



B: $2y = 4x$

Solution:

Check:

A:

B:

Solve each equation for y .

$$2y = 3(x + 6)$$

$$\frac{2y}{2} = \frac{3x + 18}{2}$$

$$y = \frac{3}{2}x + 9$$

$$x - y = 3$$

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

$$y = x - 3$$

$$\frac{y}{3} - 3x = 8$$

$$3 \cdot \frac{y}{3} = (3x + 8) \cdot 3$$

$$y = 9x + 24$$

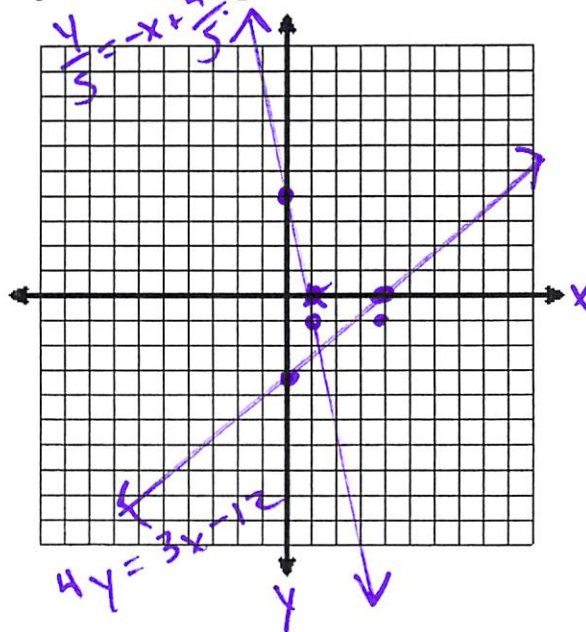
Solve and Check the System of Equations

A: $\frac{y}{5} = -x + \frac{4}{5}$

$$y = -5x + 4$$

B: $4y = 3x - 12$

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



Solution:

One Solution

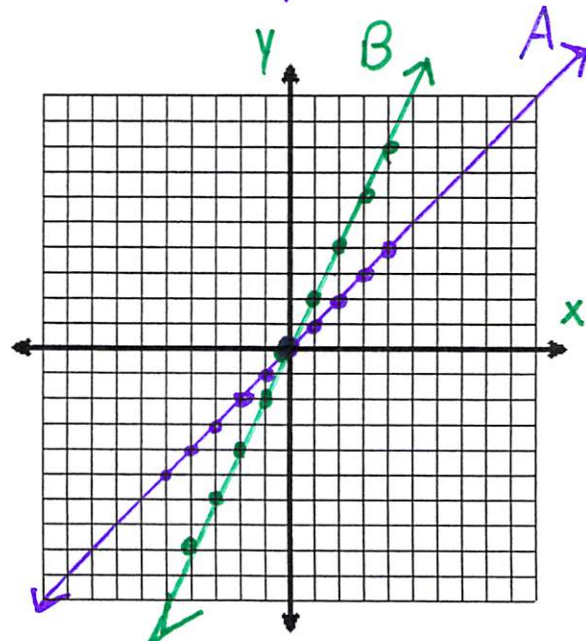
Check: Contains Decimals
Can't tell on Graph

A:

B:

A: $y - x = 0$

$$y = x$$



Solution:

(0, 0)

Check:

A:

B:

B: $2y = 4x$

$$y = 2x$$