

Lesson 3.8 Graphing Linear Equation Systems

Use slope-intercept form to graph each system of equations and solve the system.

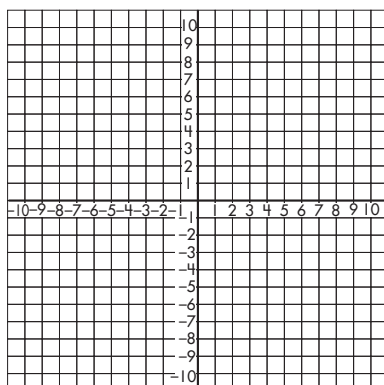
a

1. $-2x + 3y = -15$

$$y = -x + 10$$

$$x: \underline{\hspace{2cm}};$$

$$y: \underline{\hspace{2cm}}$$

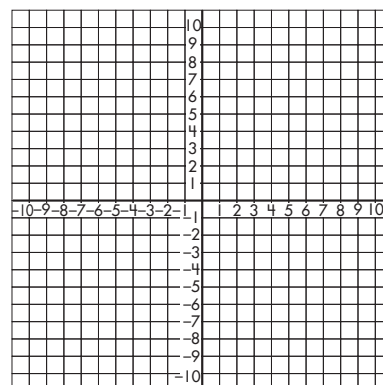
**b**

$3x + 2y = 9$

$$y = 4x - 1$$

$$x: \underline{\hspace{2cm}};$$

$$y: \underline{\hspace{2cm}}$$

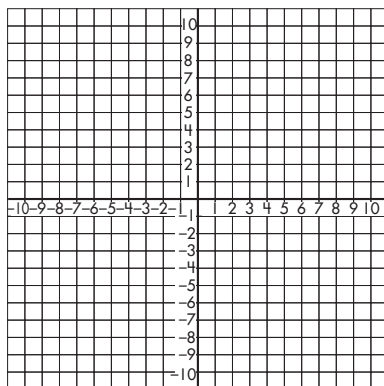


2. $5x - 2y = 4$

$$y = 2x - 1$$

$$x: \underline{\hspace{2cm}};$$

$$y: \underline{\hspace{2cm}}$$

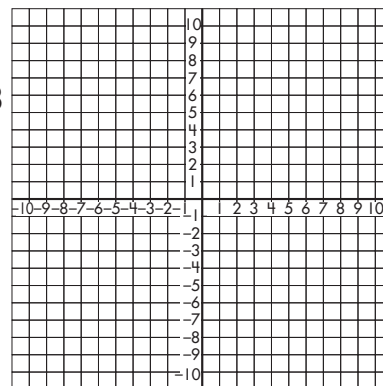


$y = -2x - 4$

$$4x - 2y = -8$$

$$x: \underline{\hspace{2cm}};$$

$$y: \underline{\hspace{2cm}}$$

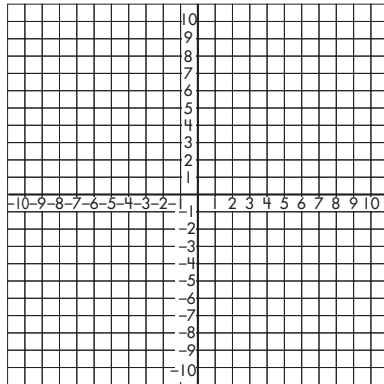


3. $2y - 4x = 2$

$$y = x + 4$$

$$x: \underline{\hspace{2cm}};$$

$$y: \underline{\hspace{2cm}}$$



$x + y = 6$

$$-3x + y = 2$$

$$x: \underline{\hspace{2cm}};$$

$$y: \underline{\hspace{2cm}}$$

