



NAME \_\_\_\_\_

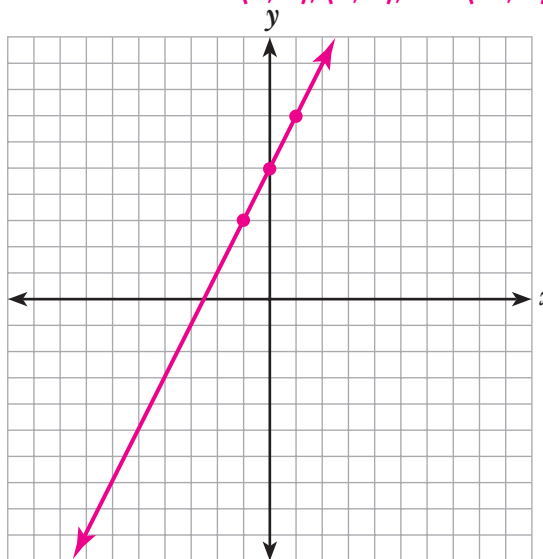
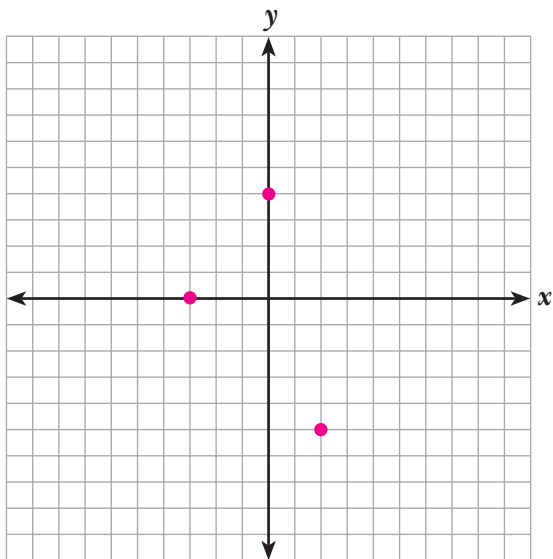
**Module 7** Solving Linear Equations and Inequalities of Two Variables  
**Lesson 1** Defining Linear Equations of Two Variables and Their Solutions

**Set 1**

1. Find the solution of  $y = \frac{x}{4}$  when  $x$  is equal to 16. **(16, 4)** \_\_\_\_\_
2. Find the solution of  $3x - 4y = 0$  when  $y$  is equal to  $\frac{1}{2}$ .  **$(\frac{2}{3}, \frac{1}{2})$**  \_\_\_\_\_

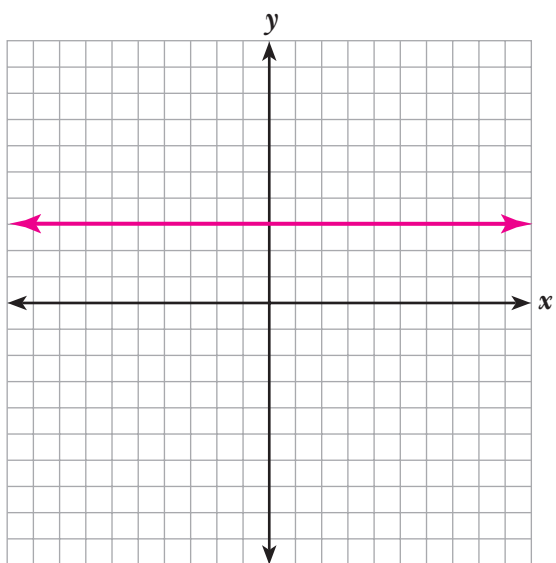
**Set 2**

1. Plot the points  $(-3, 0)$ ,  $(0, 4)$ , and  $(2, -5)$  on the same coordinate plane.
2. Find three solutions to the equation  $-2x + y = 5$  and graph your solutions on the coordinate plane.  
**Possible solutions:  $(0, 5)$ ,  $(1, 7)$ , and  $(-1, 3)$ .**

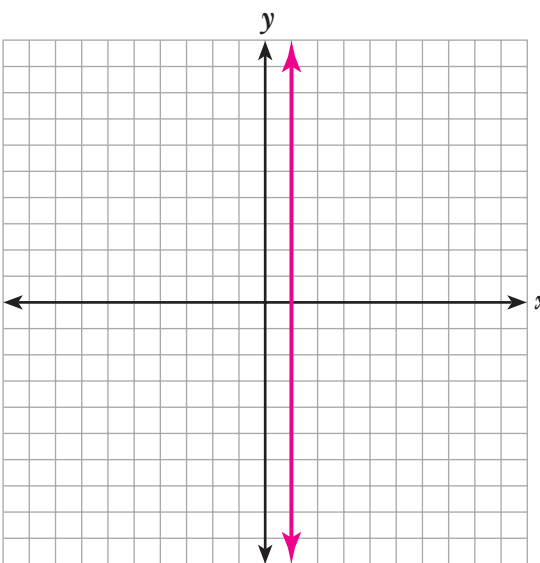


**Set 3**

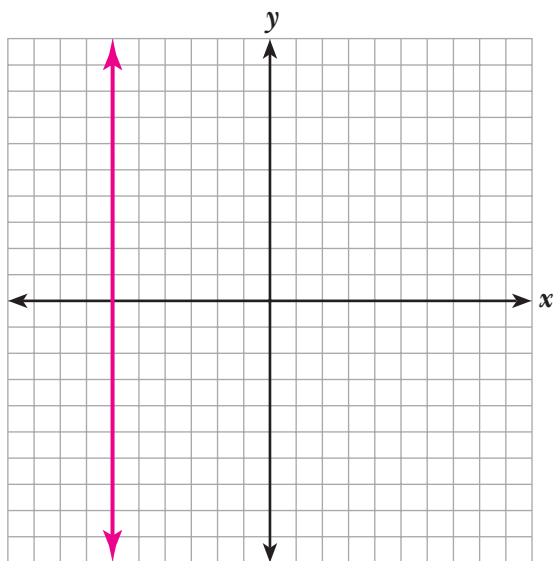
1. Graph all the solutions to the equation  $y = 3$ .



2. Graph all the solutions to the equation  $x = 1$ .



3. Graph all the solutions to the equation  $x = -6$ .



4. Graph all the solutions to the equation  $y = -4$ .

