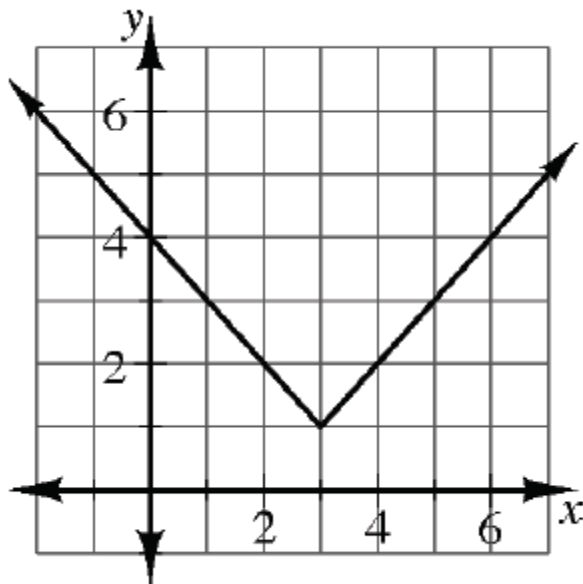


- **3-49.** Solve each of the following systems algebraically. What do the solutions tell you about the graph of each system? Visualizing the graphs may help with your description.

a.  $y = 3x - 5$   
 $y = -2x - 15$

b.  $y - 7 = -2x$   
 $4x + 2y = 14$

- **3-50.** Examine the graph of  $f(x) = |x - 3| + 1$  at right. Explain how you can use the graph to determine the values below.



- a.  $f(3)$
- b.  $f(0)$
- c.  $f(4)$
- d.  $f(-1)$