

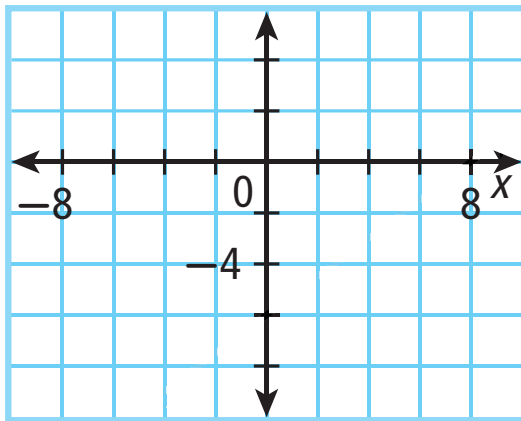
## 2-3 Graphing Linear Functions

### Lesson Quiz

- Determine whether the data set could represent a linear function.

<b><math>x</math></b>	-1	2	5	8
<b><math>f(x)</math></b>	-3	1	5	9

- For  $3x - 4y = 24$ , find the intercepts, write in slope-intercept form, and graph.



- Determine if the line  $y = -3$  is vertical or horizontal.
- The bottom edge of a roof is 62 ft above ground. If the roof rises to 125 ft above ground over a horizontal distance of 7.5 yd, what is the slope of the roof?

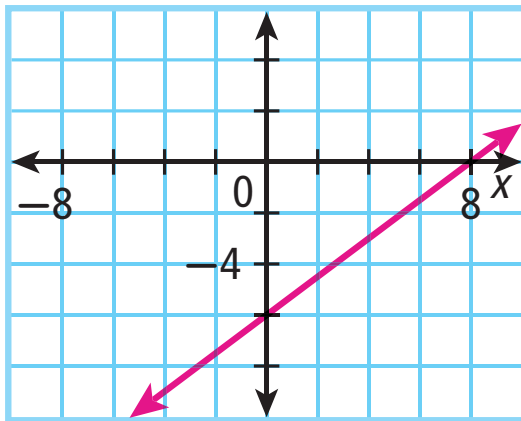
## 2-3 Graphing Linear Functions

### Lesson Quiz

1. Determine whether the data set could represent a linear function. **yes**

<b>x</b>	-1	2	5	8
<b>f(x)</b>	-3	1	5	9

2. For  $3x - 4y = 24$ , find the intercepts, write in slope-intercept form, and graph. **x-int: 8; y-int: -6;  $y = 0.75x - 6$**



3. Determine if the line  $y = -3$  is vertical or horizontal. **horizontal**
4. The bottom edge of a roof is 62 ft above ground. If the roof rises to 125 ft above ground over a horizontal distance of 7.5 yd, what is the slope of the roof? **2.8**