

## ANTICIPATION GUIDE

## Chapter 4 Graphing Linear Equations and Functions

Directions: Write true or false to the following statements.

1. A coordinate plane is formed by two real number lines that do not intersect. \_\_\_\_\_
2. An ordered pair consists of three coordinates. \_\_\_\_\_
3. A scatter plot always has a positive correlation. \_\_\_\_\_
4.  $y = 5$  is the graph of a horizontal line. \_\_\_\_\_
5.  $x = 4$  is the graph of a vertical line. \_\_\_\_\_
6. An  $x$ -intercept is the  $x$ -coordinate of a point where a graph crosses the  $x$ -axis. \_\_\_\_\_
7. A  $y$ -intercept is the  $y$ -coordinate of a point where a graph crosses the  $y$ -axis. \_\_\_\_\_
8. The slope  $m$  of a nonvertical line is the number of units the line rises or falls for each unit of horizontal change from left to right. \_\_\_\_\_
9. A rate of change compares 2 different quantities that are changing. \_\_\_\_\_
10. The linear equation  $y = x + b$  is called slope-intercept form. \_\_\_\_\_