

Chapter 4

Graphing a linear equation is the mathematical equivalent to connecting the dots. The x and y values for a linear equation are simply points along a straight line that you can plot on a graph. Chapter 4 shows you how to glean helpful information out of an equation and reveals a number of useful techniques for plotting equations on a graph.

Graphing Linear **E**quations

In this Chapter...

Introduction to the Coordinate Plane

Graph a Line

Find the Intercepts of a Line

Find the Slope of a Line

Write an Equation in Slope-Intercept Form

Graph a Line in Slope-Intercept Form

Write an Equation in Point-Slope Form

Parallel and Perpendicular Lines

Test Your Skills