Vocabulary: Slope

dictionary2

**Vocabulary**

* Coordinates – a set of numbers that names the location of a point.
  + In the two-dimensional coordinate plane, it takes two numbers (*x*, *y*) to specify a location.
  + The (*x, y*) coordinates of a point are called an *ordered pair*.
* Rise – the change in the *y*-coordinates between two points on a line.
* Run – the change in the *x*-coordinates between two points on a line.
* Slope – a measure of the steepness of a line.
  + For two points on a line, (*x*1, *y*1) and (*x*2, *y*2), slope is defined as:

slope =  =  = .

* + For example, the slope of the line through the points (2, 1) and (5, 7) as shown to the right is:

 =  = 2.