

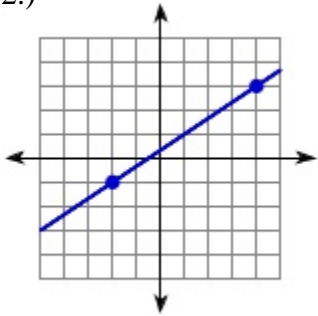
Section 4.5 Worksheet

Name: _____

1.) Slope describes the _____ and _____ of a line.

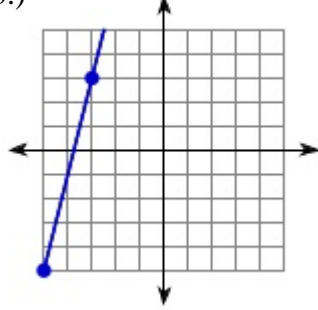
Find the slope of the line.

2.)



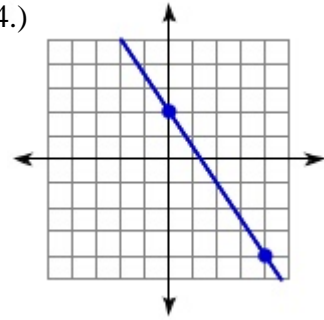
Slope: _____

3.)



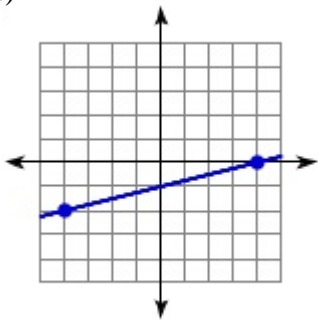
Slope: _____

4.)



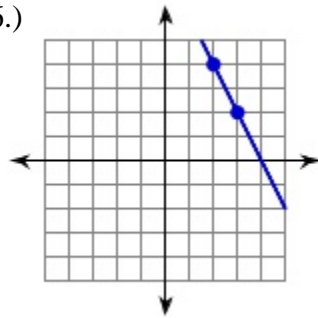
Slope: _____

5.)



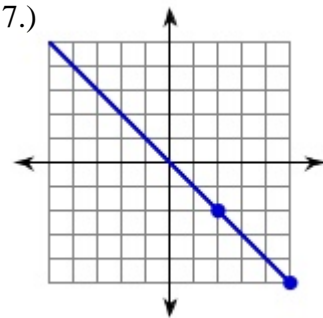
Slope: _____

6.)



Slope: _____

7.)



Slope: _____

Find the slope of the line that passes through the given points.

8.) $(4, 3)$ and $(8, 5)$

9.) $(5, -8)$ and $(3, -8)$

10.) $(-3, 5)$ and $(-5, 8)$

11.) Is the slope *always* positive if the coordinates of two points on the line are positive? Justify your answer.