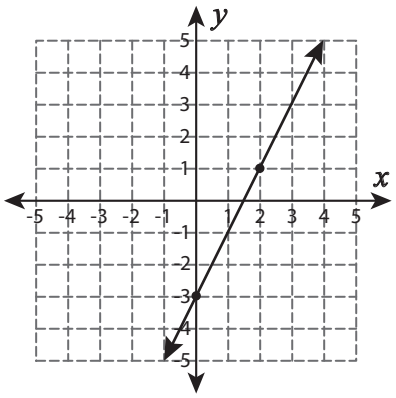
Name : _____

Level 1: S1

Find the Slope

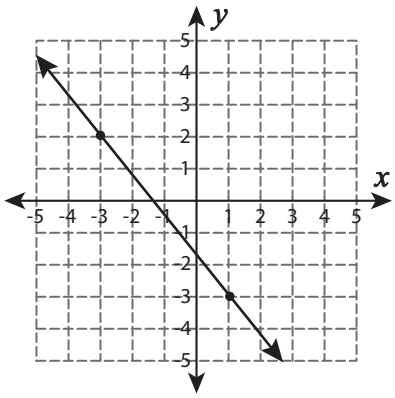
Calculate the rise and run to find the slope of each line.

1)



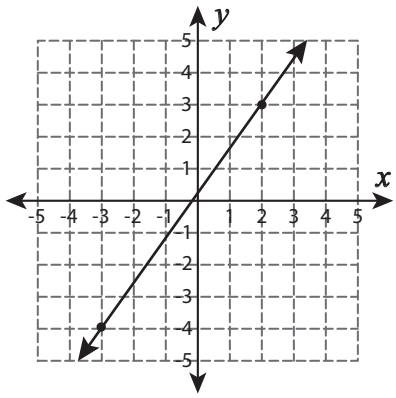
Slope = _____

2)



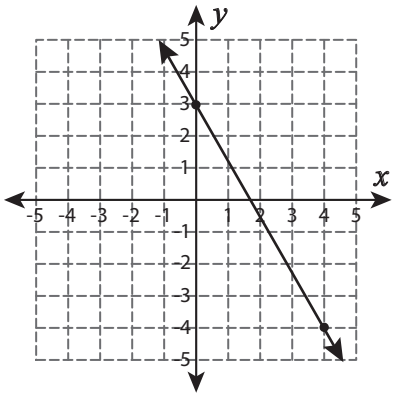
Slope = _____

3)



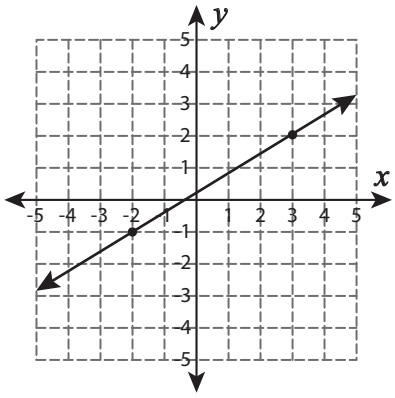
Slope = _____

4)



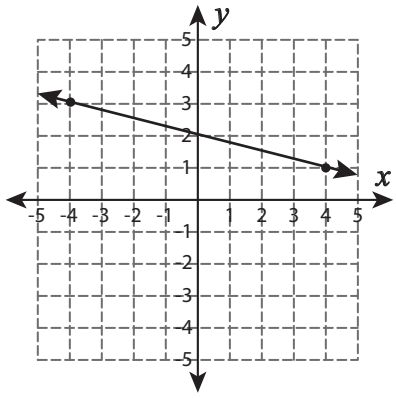
Slope = _____

5)



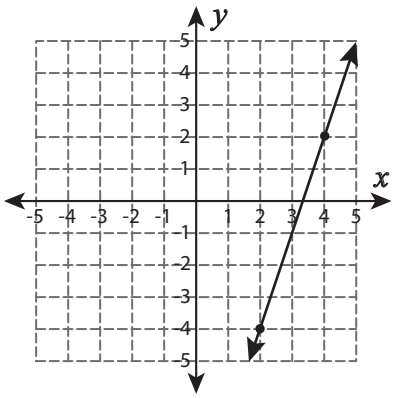
Slope = _____

6)



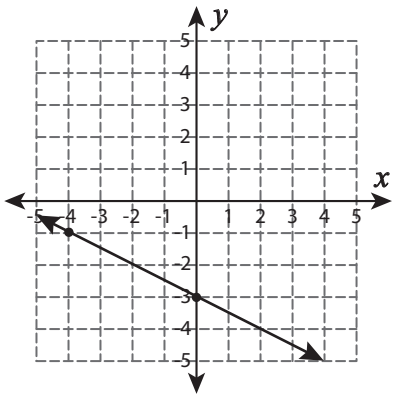
Slope = _____

7)



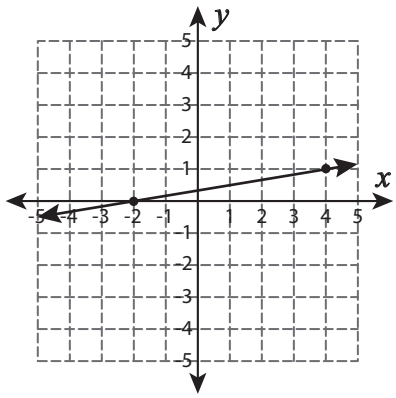
Slope = _____

8)



Slope = _____

9)



Slope = _____

Name : _____

Slope: Two-Point Formula

Example:

Find the slope of a line passing through the points (4, 8) and (3, –2).

$$\text{Slope} = m = \frac{y_2 - y_1}{x_2 - x_1}$$

$$= \frac{-2 - 8}{3 - 4} = \frac{-10}{-1} = \mathbf{10}$$

Use two-point formula method to find the slope of a line passing through the given points.

1) (–4, 2) and (5, 6)

Slope = _____

2) (5, –5) and (7, 3)

Slope = _____

3) (2, 1) and (3, –10)

Slope = _____

4) (3, 9) and (1, 8)

Slope = _____

5) (7, 1) and (–2, 3)

Slope = _____

6) (0, –2) and (–6, 4)

Slope = _____

7) (–8, –5) and (–7, –4)

Slope = _____

8) (9, 8) and (5, 1)

Slope = _____