

# Slope: Two Points Form

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Finding the slope from two points

Example: The Slope of a line passing through the points (2, 3) and (4, -6).

$$\text{Slope} = m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{-6 - 3}{4 - 2} = \frac{-9}{2}$$

1

(-6, -6) and (3, -8)

Slope= \_\_\_\_\_

2

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

Slope= \_\_\_\_\_

3

(6, 9) and (-5, 2)

Slope= \_\_\_\_\_

4

(-7, 5) and (-2, 3)

Slope= \_\_\_\_\_

5

(2, 3) and (7, 1)

Slope= \_\_\_\_\_

6

(0, -1) and (-5, 3)

Slope= \_\_\_\_\_

7

(-7, -4) and (-6, -3)

Slope= \_\_\_\_\_

8

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

Slope= \_\_\_\_\_

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$$\text{Slope} = m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{-6 - 3}{4 - 2} = \frac{-9}{2}$$

1

(-6, -6) and (3, -8)

$$\text{Slope} = \frac{-2}{9}$$

2

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

$$\text{Slope} = \frac{3}{-17}$$

3

(6, 9) and (-5, 2)

$$\text{Slope} = \frac{7}{11}$$

4

(-7, 5) and (-2, 3)

$$\text{Slope} = \frac{-2}{5}$$

5

(2, 3) and (7, 1)

$$\text{Slope} = \frac{-2}{5}$$

6

(0, -1) and (-5, 3)

$$\text{Slope} = \frac{4}{-5}$$

7

(-7, -4) and (-6, -3)

$$\text{Slope} = 1$$

8

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

$$\text{Slope} = \frac{-11}{14}$$