

# 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

(0, 8) and (2, 1)

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

2

(6, -7) and (-10, 9)

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

3

(-4, -5) and (5, 3)

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

4

(2, -10) and (9, -7)

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

5

(-8, -6) and (-4, -1)

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

6

(-5, -8) and (-6, -9)

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

7

(1, 2) and (10, 7)

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

8

(0, 4) and (-1, 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

(0, 8) and (2, 1)

$$\text{Slope} = \frac{-7}{2}$$

2

(6, -7) and (-10, 9)

$$\text{Slope} = -1$$

3

(-4, -5) and (5, 3)

$$\text{Slope} = \frac{8}{9}$$

4

(2, -10) and (9, -7)

$$\text{Slope} = \frac{3}{7}$$

5

(-8, -6) and (-4, -1)

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

6

(-5, -8) and (-6, -9)

$$\text{Slope} = 1$$

7

(1, 2) and (10, 7)

$$\text{Slope} = \frac{5}{9}$$

8

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

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