

# 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

(-3, -2) and (-10, 7)

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

2

(-1, -8) and (0, -6)

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

3

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

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

4

(-5, 0) and (7, -8)

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

5

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

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

6

(-9, 8) and (0, -10)

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

7

(5, 4) and (3, 1)

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

8

(-2, -7) and (7, -2)

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

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1

(-3, -2) and (-10, 7)

$$\text{Slope} = \frac{9}{-7}$$

2

(-1, -8) and (0, -6)

$$\text{Slope} = 2$$

3

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

$$\text{Slope} = \frac{6}{-7}$$

4

(-5, 0) and (7, -8)

$$\text{Slope} = \frac{-2}{3}$$

5

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

$$\text{Slope} = \frac{-6}{7}$$

6

(-9, 8) and (0, -10)

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

7

(5, 4) and (3, 1)

$$\text{Slope} = \frac{3}{2}$$

8

(-2, -7) and (7, -2)

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