

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

(8, -2) and (-2, -5)

Slope= _____

2

(7, 6) and (0, 3)

Slope= _____

3

(-9, -4) and (-2, -1)

Slope= _____

4

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

Slope= _____

5

(-5, 8) and (6, -3)

Slope= _____

6

(3, 2) and (5, 7)

Slope= _____

7

(1, 1) and (-6, -9)

Slope= _____

8

(0, -8) and (-4, -3)

Slope= _____

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1

(8, -2) and (-2, -5)

$$\text{Slope} = \frac{3}{10}$$

2

(7, 6) and (0, 3)

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

3

(-9, -4) and (-2, -1)

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

4

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

$$\text{Slope} = \frac{3}{-4}$$

5

(-5, 8) and (6, -3)

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

6

(3, 2) and (5, 7)

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

7

(1, 1) and (-6, -9)

$$\text{Slope} = \frac{10}{7}$$

8

(0, -8) and (-4, -3)

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