

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

(4, 6) and (5, 1)

Slope= _____

2

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

Slope= _____

3

(-8, -3) and (-2, -9)

Slope= _____

4

(6, 10) and (0, 1)

Slope= _____

5

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

Slope= _____

6

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

Slope= _____

7

(5, -6) and (7, 1)

Slope= _____

8

(10, 9) and (2, 1)

Slope= _____

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1

(4, 6) and (5, 1)

Slope= -5

2

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

Slope= -7

3

(-8, -3) and (-2, -9)

Slope= -1

4

(6, 10) and (0, 1)

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

5

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

Slope= $\frac{6}{-5}$

6

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

Slope= 2

7

(5, -6) and (7, 1)

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

8

(10, 9) and (2, 1)

Slope= 1