Slope: Two Points Form

Name:_____

Finding the slope from two points

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

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

1

(-10, 3) and (2, -6)

Slope=_____

2

(-8, -5) and (10, -8)

Slope=_____

3

(-9, -2) and (-3, -4)

Slope=_____

4

(7, 1) and (5, 0)

Slope=_____

5

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

Slope=_____

6

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

Slope=_____

7

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

Slope=_____

8

(6, -5) and (-10, 3)

Slope=_____

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

1

(-10, 3) and (2, -6)

Slope= $\dfrac{-3}{4}$

2

(-8, -5) and (10, -8)

Slope= $\dfrac{-1}{6}$

3

(-9, -2) and (-3, -4)

Slope= $\dfrac{-1}{3}$

4

(7, 1) and (5, 0)

Slope= $\dfrac{1}{2}$

5

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

Slope= 15

6

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

Slope= $\dfrac{1}{-8}$

7

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

Slope= $\dfrac{8}{-3}$

8

(6, -5) and (-10, 3)

Slope= $\dfrac{1}{-2}$