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 (6, 0)

Slope=_____

2

(-4, 1) and (-2, 3)

Slope=_____

3

(0, 1) and (-5, 1)

Slope=_____

4

(-9, 5) and (-7, 2)

Slope=_____

5

(-6, -7) and (-4, -5)

Slope=_____

6

(5, 2) and (4, 6)

Slope=_____

7

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

Slope=_____

8

(2, -5) and (-5, -6)

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

(3, -2) and (6, 0)

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

2

(-4, 1) and (-2, 3)

Slope= 1

3

(0, 1) and (-5, 1)

Slope= 0

4

(-9, 5) and (-7, 2)

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

5

(-6, -7) and (-4, -5)

Slope= 1

6

(5, 2) and (4, 6)

Slope= -4

7

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

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

8

(2, -5) and (-5, -6)

Slope= $\frac{1}{7}$