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

(-5, 1) and (2, -7)

Slope=_____

2

(-3, -2) and (-9, -5)

Slope=_____

3

(7, 4) and (6, 4)

Slope=_____

4

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

Slope=_____

5

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

Slope=_____

6

(-2, -5) and (-9, 1)

Slope=_____

7

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

Slope=_____

8

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

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

(-5, 1) and (2, -7)

Slope= $\frac{-8}{7}$

2

(-3, -2) and (-9, -5)

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

3

(7, 4) and (6, 4)

Slope= 0

4

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

Slope= $\frac{1}{4}$

5

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

Slope= $\frac{-7}{4}$

6

(-2, -5) and (-9, 1)

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

7

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

Slope= -3

8

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

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