# 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**

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

Slope= _____

**2**

(8, -3) and (-6, 4)

Slope= _____

**3**

(3, 8) and (-1, 3)

Slope= _____

**4**

(-9, -5) and (-4, 0)

Slope= _____

**5**

(2, 6) and (4, 3)

Slope= _____

**6**

(-7, -10) and (-5, 0)

Slope= _____

**7**

(8, 2) and (1, 6)

Slope= _____

**8**

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

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**

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

Slope= $\dfrac{7}{9}$

**2**

(8, -3) and (-6, 4)

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

**3**

(3, 8) and (-1, 3)

Slope= $\dfrac{5}{4}$

**4**

(-9, -5) and (-4, 0)

Slope= $1$

**5**

(2, 6) and (4, 3)

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

**6**

(-7, -10) and (-5, 0)

Slope= $5$

**7**

(8, 2) and (1, 6)

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

**8**

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

Slope= $\dfrac{5}{-7}$