# 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).

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

**1**

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

Slope= _____

**2**

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

Slope= _____

**3**

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

Slope= _____

**4**

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

Slope= _____

**5**

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

Slope= _____

**6**

(-4, 5) and (3, -3)

Slope= _____

**7**

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

Slope= _____

**8**

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

Slope= _____

# 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**

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

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

**2**

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

Slope= $-1$

**3**

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

Slope= $\dfrac{5}{3}$

**4**

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

Slope= $\dfrac{8}{5}$

**5**

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

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

**6**

(-4, 5) and (3, -3)

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

**7**

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

Slope= $\dfrac{5}{2}$

**8**

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

Slope= $2$