Slope Quiz I

(1) 5 - (- 12) = _____ = _____

(2) 12 - (- 5) = _____ = _____

(3) 5 - 12 = _____

(4) 12 - 5 = _____

(5) Find the slope of the line that contains the points (3, 8) and (5, 12).

Slope Quiz II

(1) - 5 - (- 12) = _____ = _____

(2) - 12 - (- 5) = _____ = _____

(3) - 5 - 12 = _____

(4) - 12 - 5 = _____

(5) Find the slope of the line that contains the points (3, 8) and (-5, -12).

Name: _____ Pd: ___ Date: _____

Slope Quiz III

(1) – 8 – (– 2) = _____ = _____

(2) – 2 – (– 8) = _____ = _____

(3) – 2 – 8 = _____

(4) – 8 – 2 = _____

(5) Find the slope of the line that contains the points (2, 8) and (–8, –2).

Name: _____ Pd: ___ Date: _____

Slope Quiz IV

(1) 0 – (– 1) = _____ = _____

(2) – 1 – (– 1) = _____ = _____

(3) – 1 – 1 = _____

(4) 0 – 1 = _____

(5) Find the slope of the line that contains the points (–1, 1) and (–1, –1).

Slope Quiz I - Answer Key

(1) 5 - (- 12) = ___5 + 12___ = ___17___

(2) 12 - (- 5) = ___12 + 5___ = ___17___

(3) 5 - 12 = ___- 7___

(4) 12 - 5 = ___7___

(5) Find the slope of the line that contains the points (3, 8) and (5, 12).

$$\frac{12 - 8}{5 - 3} = \frac{4}{2} = 2$$

Slope Quiz II - Answer Key

(1) - 5 - (- 12) = ___- 5 + 12___ = ___7___

(2) - 12 - (- 5) = ___-12 + 5___ = ___-7___

(3) - 5 - 12 = ___- 17___

(4) - 12 - 5 = ___- 17___

(5) Find the slope of the line that contains the points (3, 8) and (-5, -12).

$$\frac{- 12 - 8}{- 5 - 3} = \frac{- 20}{- 8} = \frac{5}{2}$$

Slope Quiz III - Answer Key

(1) $- 8 - (- 2) = $ __−8 + 2__ $= $ __− 6__

(2) $- 2 - (- 8) = $ __−2 + 8__ $= $ __6__

(3) $- 2 - 8 = $ __− 10__

(4) $- 8 - 2 = $ __− 10__

(5) Find the slope of the line that contains the points (2, 8) and (−8, −2).

$$\frac{-2-8}{-8-2} = \frac{-10}{-10} = 1$$

Slope Quiz IV - Answer Key

(1) $0 - (- 1) = $ __0 + 1__ $= $ __1__

(2) $- 1 - (- 1) = $ __− 1 + 1__ $= $ __0__

(3) $- 1 - 1 = $ __−2__

(4) $0 - 1 = $ __− 1__

(5) Find the slope of the line that contains the points (−1, 1) and (−1, −1).

$$\frac{-1-1}{-1-(-1)} = \frac{-2}{-1+1} = \frac{-2}{0} \qquad \underline{undefined}$$