Slope

Name:_____ Date:_____

Find the slope using ratio method

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

$\Delta y = y_2 - y_1 =$ -6-(-3) = -3 $\Delta x = x_2 - x_1 =$ 3-(-)2 = 5

Slope= $\frac{\Delta y}{\Delta x}$ $\frac{-3}{5}$

1

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

Δy = _____

Δx = _____

Slope= $\frac{\Delta y}{\Delta x}$ = _____

2

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

Δy = _____

Δx = _____

Slope= $\frac{\Delta y}{\Delta x}$ = _____

3

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

Δy = _____

Δx = _____

Slope= $\frac{\Delta y}{\Delta x}$ = _____

4

(-6,1) and (-4,5)

Δy = _____

Δx = _____

Slope= $\frac{\Delta y}{\Delta x}$ = _____

5

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

Δy = _____

Δx = _____

Slope= $\frac{\Delta y}{\Delta x}$ = _____

6

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

Δy = _____

Δx = _____

Slope= $\frac{\Delta y}{\Delta x}$ = _____

7

(-4,-2) and (-5,-7)

Δy = _____

Δx = _____

Slope= $\frac{\Delta y}{\Delta x}$ = _____

8

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

Δy = _____

Δx = _____

Slope= $\frac{\Delta y}{\Delta x}$ = _____

Slope

Name:_____ Date:_____

Find the slope using ratio method

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

$\Delta y = y_2 - y_1 =$ -6-(-3) = -3 $\Delta x = x_2 - x_1 =$ 3-(-)2 = 5

Slope= $\frac{\Delta y}{\Delta x}$ $\frac{-3}{5}$

1

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

$\Delta y =$ 8

$\Delta x =$ -10

Slope= $\frac{\Delta y}{\Delta x} = -\frac{4}{5}$

2

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

$\Delta y =$ 7

$\Delta x =$ -8

Slope= $\frac{\Delta y}{\Delta x} = -\frac{7}{8}$

3

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

$\Delta y =$ 3

$\Delta x =$ -5

Slope= $\frac{\Delta y}{\Delta x} = -\frac{3}{5}$

4

(-6,1) and (-4,5)

$\Delta y =$ 4

$\Delta x =$ 2

Slope= $\frac{\Delta y}{\Delta x} =$ 2

5

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

$\Delta y =$ 2

$\Delta x =$ 4

Slope= $\frac{\Delta y}{\Delta x} = \frac{1}{2}$

6

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

$\Delta y =$ 5

$\Delta x =$ -4

Slope= $\frac{\Delta y}{\Delta x} = -\frac{5}{4}$

7

(-4,-2) and (-5,-7)

$\Delta y =$ -5

$\Delta x =$ -1

Slope= $\frac{\Delta y}{\Delta x} =$ 5

8

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

$\Delta y =$ 8

$\Delta x =$ -7

Slope= $\frac{\Delta y}{\Delta x} = -\frac{8}{7}$