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

(8,-3) and (2,-3)

$\Delta y =$ 0

$\Delta x =$ -6

Slope= $\frac{\Delta y}{\Delta x} =$ 0

2

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

$\Delta y =$ _____

$\Delta x =$ _____

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

3

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

$\Delta y =$ _____

$\Delta x =$ _____

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

4

(-7,3) and (2,-1)

$\Delta y =$ _____

$\Delta x =$ _____

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

5

(-6,8) and (4,0)

$\Delta y =$ _____

$\Delta x =$ _____

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

6

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

$\Delta y =$ _____

$\Delta x =$ _____

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

7

(0,-1) and (6,0)

$\Delta y =$ _____

$\Delta x =$ _____

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

8

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

$\Delta y =$ _____

$\Delta x =$ _____

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

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1

(8,-3) and (2,-3)

$\Delta y =$ 0

$\Delta x =$ -6

Slope= $\frac{\Delta y}{\Delta x} =$ 0

2

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

$\Delta y =$ 7

$\Delta x =$ -2

Slope= $\frac{\Delta y}{\Delta x} = -\frac{7}{2}$

3

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

$\Delta y =$ 6

$\Delta x =$ -6

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

4

(-7,3) and (2,-1)

$\Delta y =$ -4

$\Delta x =$ 9

Slope= $\frac{\Delta y}{\Delta x} = -\frac{4}{9}$

5

(-6,8) and (4,0)

$\Delta y =$ -8

$\Delta x =$ 10

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

6

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

$\Delta y =$ 8

$\Delta x =$ -6

Slope= $\frac{\Delta y}{\Delta x} = -\frac{4}{3}$

7

(0,-1) and (6,0)

$\Delta y =$ 1

$\Delta x =$ 6

Slope= $\frac{\Delta y}{\Delta x} = \frac{1}{6}$

8

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

$\Delta y =$ 6

$\Delta x =$ 10

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