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

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

$\Delta y =$ _____

$\Delta x =$ _____

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

2

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

$\Delta y =$ _____

$\Delta x =$ _____

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

3

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

$\Delta y =$ _____

$\Delta x =$ _____

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

4

(-1,-4) and (-3,5)

$\Delta y =$ _____

$\Delta x =$ _____

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

5

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

$\Delta y =$ _____

$\Delta x =$ _____

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

6

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

$\Delta y =$ _____

$\Delta x =$ _____

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

7

(-9,5) and (-1,4)

$\Delta y =$ _____

$\Delta x =$ _____

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

8

(8,6) and (-7,1)

$\Delta y =$ _____

$\Delta x =$ _____

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

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(-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

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

$\Delta y =$ 9

$\Delta x =$ -6

Slope= $\frac{\Delta y}{\Delta x} = -\frac{3}{2}$

2

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

$\Delta y =$ -1

$\Delta x =$ 2

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

3

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

$\Delta y =$ 7

$\Delta x =$ -1

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

4

(-1,-4) and (-3,5)

$\Delta y =$ 9

$\Delta x =$ -2

Slope= $\frac{\Delta y}{\Delta x} = -\frac{9}{2}$

5

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

$\Delta y =$ 6

$\Delta x =$ -5

Slope= $\frac{\Delta y}{\Delta x} = -\frac{6}{5}$

6

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

$\Delta y =$ 7

$\Delta x =$ 1

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

7

(-9,5) and (-1,4)

$\Delta y =$ -1

$\Delta x =$ 8

Slope= $\frac{\Delta y}{\Delta x} = -\frac{1}{8}$

8

(8,6) and (-7,1)

$\Delta y =$ -5

$\Delta x =$ -15

Slope= $\frac{\Delta y}{\Delta x} = \frac{1}{3}$