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

(3,1) and (-5,2)

$\Delta y =$ _____

$\Delta x =$ _____

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

2

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

$\Delta y =$ _____

$\Delta x =$ _____

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

3

(-1,-5) and (-8,-3)

$\Delta y =$ _____

$\Delta x =$ _____

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

4

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

$\Delta y =$ _____

$\Delta x =$ _____

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

5

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

$\Delta y =$ _____

$\Delta x =$ _____

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

6

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

$\Delta y =$ _____

$\Delta x =$ _____

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

7

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

$\Delta y =$ _____

$\Delta x =$ _____

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

8

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

$\Delta y =$ _____

$\Delta x =$ _____

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

Slope

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

1

(3,1) and (-5,2)

$\Delta y =$ 1

$\Delta x =$ -8

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

2

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

$\Delta y =$ 7

$\Delta x =$ -5

Slope= $\frac{\Delta y}{\Delta x} = -\frac{7}{5}$

3

(-1,-5) and (-8,-3)

$\Delta y =$ 2

$\Delta x =$ -7

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

4

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

$\Delta y =$ 5

$\Delta x =$ 2

Slope= $\frac{\Delta y}{\Delta x} = \frac{5}{2}$

5

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

$\Delta y =$ 9

$\Delta x =$ -5

Slope= $\frac{\Delta y}{\Delta x} = -\frac{9}{5}$

6

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

$\Delta y =$ -6

$\Delta x =$ 11

Slope= $\frac{\Delta y}{\Delta x} = -\frac{6}{11}$

7

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

$\Delta y =$ 0

$\Delta x =$ -6

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

8

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

$\Delta y =$ -4

$\Delta x =$ -5

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