

# Slope

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Find the slope using ratio method

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

$$\Delta y = y_2 - y_1 = \underline{-6 - (-3) = -3}$$

$$\Delta x = x_2 - x_1 = \underline{3 - (-2) = 5}$$

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

1

$(-7,3)$  and  $(-4,8)$

$$\Delta y = \underline{\hspace{2cm}}$$

$$\Delta x = \underline{\hspace{2cm}}$$

$$\text{Slope} = \frac{\Delta y}{\Delta x} = \underline{\hspace{2cm}}$$

2

$(9,5)$  and  $(-7,2)$

$$\Delta y = \underline{\hspace{2cm}}$$

$$\Delta x = \underline{\hspace{2cm}}$$

$$\text{Slope} = \frac{\Delta y}{\Delta x} = \underline{\hspace{2cm}}$$

3

$(7,8)$  and  $(2,0)$

$$\Delta y = \underline{\hspace{2cm}}$$

$$\Delta x = \underline{\hspace{2cm}}$$

$$\text{Slope} = \frac{\Delta y}{\Delta x} = \underline{\hspace{2cm}}$$

4

$(9,-3)$  and  $(8,-1)$

$$\Delta y = \underline{\hspace{2cm}}$$

$$\Delta x = \underline{\hspace{2cm}}$$

$$\text{Slope} = \frac{\Delta y}{\Delta x} = \underline{\hspace{2cm}}$$

5

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

$$\Delta y = \underline{\hspace{2cm}}$$

$$\Delta x = \underline{\hspace{2cm}}$$

$$\text{Slope} = \frac{\Delta y}{\Delta x} = \underline{\hspace{2cm}}$$

6

$(-4,8)$  and  $(6,3)$

$$\Delta y = \underline{\hspace{2cm}}$$

$$\Delta x = \underline{\hspace{2cm}}$$

$$\text{Slope} = \frac{\Delta y}{\Delta x} = \underline{\hspace{2cm}}$$

7

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

$$\Delta y = \underline{\hspace{2cm}}$$

$$\Delta x = \underline{\hspace{2cm}}$$

$$\text{Slope} = \frac{\Delta y}{\Delta x} = \underline{\hspace{2cm}}$$

8

$(9,-5)$  and  $(3,-2)$

$$\Delta y = \underline{\hspace{2cm}}$$

$$\Delta x = \underline{\hspace{2cm}}$$

$$\text{Slope} = \frac{\Delta y}{\Delta x} = \underline{\hspace{2cm}}$$

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$$\Delta x = x_2 - x_1 = \underline{3 - (-2) = 5}$$

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

1

 $(-7,3)$  and  $(-4,8)$ 

$$\Delta y = \underline{5}$$

$$\Delta x = \underline{3}$$

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

2

 $(9,5)$  and  $(-7,2)$ 

$$\Delta y = \underline{-3}$$

$$\Delta x = \underline{-16}$$

$$\text{Slope} = \frac{\Delta y}{\Delta x} = \underline{\frac{3}{16}}$$

3

 $(7,8)$  and  $(2,0)$ 

$$\Delta y = \underline{-8}$$

$$\Delta x = \underline{-5}$$

$$\text{Slope} = \frac{\Delta y}{\Delta x} = \underline{\frac{8}{5}}$$

4

 $(9,-3)$  and  $(8,-1)$ 

$$\Delta y = \underline{2}$$

$$\Delta x = \underline{-1}$$

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

5

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

$$\Delta y = \underline{4}$$

$$\Delta x = \underline{-1}$$

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

6

 $(-4,8)$  and  $(6,3)$ 

$$\Delta y = \underline{-5}$$

$$\Delta x = \underline{10}$$

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

7

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

$$\Delta y = \underline{4}$$

$$\Delta x = \underline{-7}$$

$$\text{Slope} = \frac{\Delta y}{\Delta x} = \underline{-\frac{4}{7}}$$

8

 $(9,-5)$  and  $(3,-2)$ 

$$\Delta y = \underline{3}$$

$$\Delta x = \underline{-6}$$

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