

SLOPE: RATIO METHOD

NAME: _____

DATE: _____

Find the slope of a line that passes through the given two points using the ratio method.

1) (4, -3) (2,6)

$$\Delta y = \underline{9}$$

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

$$\text{Slope} = \underline{4.5}$$

6) (2, -1) (3,4)

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

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

$$\text{Slope} = \underline{5}$$

2) (11, -5) (8,4)

$$\Delta y = \underline{9}$$

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

$$\text{Slope} = \underline{-3}$$

7) (0, -3) (-4,-12)

$$\Delta y = \underline{9}$$

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

$$\text{Slope} = \underline{9/4}$$

3) (9, -1) (-3,-5)

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

$$\Delta x = \underline{12}$$

$$\text{Slope} = \underline{1/3}$$

8) (7, -7) (0,-9)

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

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

$$\text{Slope} = \underline{2/7}$$

4) (8, -5) (-2,-5)

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

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

$$\text{Slope} = \underline{-1}$$

9) (13, -5) (10,1)

$$\Delta y = \underline{6}$$

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

$$\text{Slope} = \underline{-2}$$

5) (9, -11) (-6,-5)

$$\Delta y = \underline{6}$$

$$\Delta x = \underline{15}$$

$$\text{Slope} = \underline{-2/5}$$

10) (0, -3) (-4,-7)

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

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

$$\text{Slope} = \underline{1}$$

