

## Slope Practice

Find the slope for each problem.

1. (5, 12), (-8, 18)

$$\frac{\Delta y}{\Delta x} = -\frac{6}{13}$$

2. (-5, 0), (-1, 2)

$$\frac{\Delta y}{\Delta x} = \frac{2}{4} = \frac{1}{2}$$

3. (21, 15), (14, 12)

$$\frac{\Delta y}{\Delta x} = \frac{3}{7}$$

4. (-2, -4), (-12, -1)

$$\frac{\Delta y}{\Delta x} = -\frac{3}{10}$$

5. (-6, -2), (-16, -2)

$$\frac{\Delta y}{\Delta x} = \frac{0}{10} = 0$$

6. (-4, 6), (5, 6)

$$\frac{\Delta y}{\Delta x} = \frac{0}{9} = 0$$

7.

x	y
1	-17
2	-13
3	-9
4	-5
5	-1

$$\frac{\Delta y}{\Delta x} = \frac{4}{1}$$

8.

x	y
-4	6
0	4
4	2
8	0
12	-2

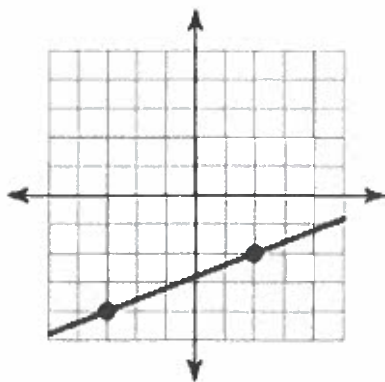
$$\frac{\Delta y}{\Delta x} = \frac{-2}{4} = -\frac{1}{2}$$

9.

x	y
-4	6
-2	6
0	6
2	6
4	6

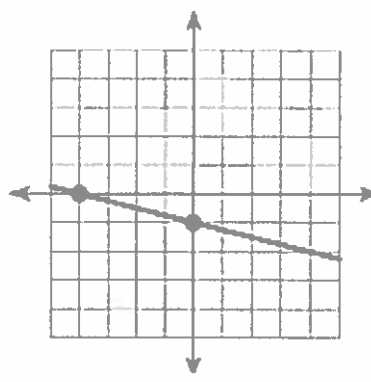
$$\frac{\Delta y}{\Delta x} = \frac{0}{2} = 0$$

10.



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

11.



$$\frac{\Delta y}{\Delta x} = -\frac{1}{4}$$