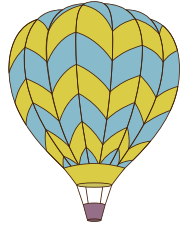


Name \_\_\_\_\_

Date \_\_\_\_\_ **Answer Key****SLOPE REVIEW: POINTS**

Remember that the slope of a line is equal to the change in  $y$ , or rise, over the change in  $x$ , or run. Find the slope of the line that passes through each set of points below. Simplify your answer and write it as a proper fraction, improper fraction, or integer.

1 (3, 2) and (6, 8)

Slope = 2

2 (1, 7) and (6, 12)

Slope = 1

3 (4, 9) and (2, 15)

Slope = -3

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

Slope = 6

5 (6, 10) and (-3, 13)

Slope =  $-\frac{1}{3}$

6 (8, 2) and (16, -2)

Slope =  $-\frac{1}{2}$

7 (6, 8) and (21, 5)

Slope =  $-\frac{1}{5}$

8 (-10, 14) and (-7, 16)

Slope =  $\frac{2}{3}$

9 (-12, 14) and (8, -2)

Slope =  $-\frac{4}{5}$

10 (5, 3) and (9, 3)

Slope = 0

11 (-14, -5) and (-6, -17)

Slope =  $-\frac{3}{2}$

12 (25, -2) and (28, -11)

Slope = -3

**Challenge yourself!** Find a second point on each line described below. **Answers may vary.**

13 A line goes through (2, 4) and has a slope of  $\frac{1}{2}$ .

(4, 5)

14 A line goes through (5, 3) and has a slope of 3.

(6, 6)