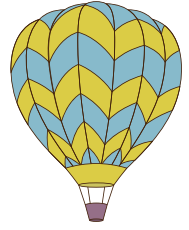


Name \_\_\_\_\_

Date \_\_\_\_\_

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

Slope = \_\_\_\_\_

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

Slope = \_\_\_\_\_

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

Slope = \_\_\_\_\_

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

Slope = \_\_\_\_\_

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

Slope = \_\_\_\_\_

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

Slope = \_\_\_\_\_

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

Slope = \_\_\_\_\_

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

Slope = \_\_\_\_\_

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

Slope = \_\_\_\_\_

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

Slope = \_\_\_\_\_

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

Slope = \_\_\_\_\_

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

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

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