Name _____

Reteaching
13-5

Ratios and Graphs

You can make or complete a table of equal ratios and graph the values on a coordinate grid.

Complete the table to show equal ratios for $\frac{3}{4}$.

3	6	9	12
4			

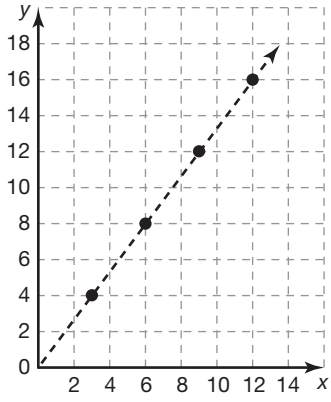
To complete the table, find fractions that are equal to $\frac{3}{4}$ that have numerators of 6, 9, and 12.

$$\frac{3 \times \mathbf{2}}{4 \times \mathbf{2}} = \frac{6}{8} \qquad \frac{3 \times \mathbf{3}}{4 \times \mathbf{3}} = \frac{9}{12} \qquad \frac{3 \times \mathbf{4}}{4 \times \mathbf{4}} = \frac{12}{16}$$

The missing values in the table are the denominators of the equal fractions. The values are: 8, 12, and 16.

Graph the equal ratios on a coordinate grid. Use an appropriate scale for the *x* and *y* axes.

Plot the points for each ratio, *x* to *y*. Draw a dashed line from (0, 0) through the points extending through the final point.



Complete the table to show equal ratios. Graph the set of equal ratios on a coordinate grid.

1.

2	4	6	8	10
3				

2.

1	2	3	4	5
2				

3.

3	6	9	12	15
5				

4.

2	6	12	18	24
7				

5.

4	12	16	48	60
12				

6.

6	18	24	36	48
9				

7.

5	15	25	35	45
8				

8.

1	5	8	10	15
7				