

Ratios and Graphs

For 1 through 6, complete the table to show equal ratios.

1.

| | | | | |
|---|---|---|----|----|
| 4 | | | | |
| 3 | 6 | 9 | 12 | 15 |

2.

| | | | | |
|---|---|---|----|----|
| 4 | 2 | 8 | 12 | 16 |
| 6 | | | | |

3.

| | | | | |
|----|----|----|----|----|
| 10 | 20 | 30 | 40 | 70 |
| 7 | | | | |

4.

| | | | | |
|---|---|---|----|----|
| 3 | | | | |
| 2 | 4 | 8 | 12 | 24 |

5.

| | | | | |
|----|----|----|----|-----|
| 6 | | | | |
| 11 | 22 | 44 | 88 | 110 |

6.

| | | | | |
|----|---|----|----|----|
| 12 | 4 | 24 | 36 | 48 |
| 3 | | | | |

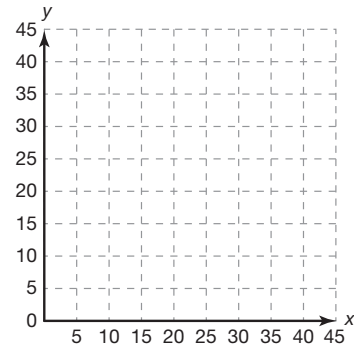
For 7 and 8, complete the table to show equal ratios, and graph the pairs of values on the coordinate grid.

7.

| | | | | |
|---|----|----|----|----|
| 5 | 10 | 15 | 25 | 40 |
| 4 | | | | |

8.

| | | | | |
|---|---|---|----|----|
| 5 | | | | |
| 2 | 4 | 6 | 10 | 14 |



9. **Writing to Explain** How are the graphs of the ratios in Exercises 7 and 8 alike, and how are they different?

10. A birdwatcher counted 7 robins for every 4 sparrows. Complete the table to show how many robins she counted if she counted 24 sparrows in a weekend. On a separate piece of graph paper, graph the values on a coordinate grid.

| | | | | | |
|---|---|----|----|----|----|
| 4 | 8 | 12 | 16 | 20 | 24 |
| 7 | | | | | |