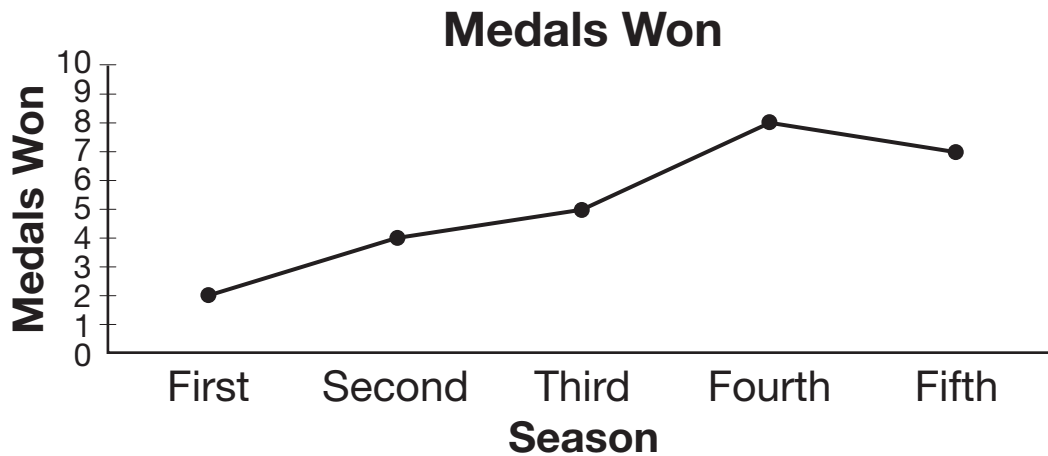


Line Graphs

- A **line graph** is a visual way to summarize changes over time. The changes appear as numbers or amounts.
- Line graphs have two **axes**—one line that goes across (**horizontal axis**) and one line that goes up and down (**vertical axis**). The **scale** (the numbers) usually appears on the vertical axis. The **periods of time** (hours, weeks, years) are usually labeled below the horizontal axis.
- **Points** are plotted where the period of time meets the appropriate number on the scale. A **line** connects the points.

Directions Use the line graph to answer each question.



1. In which season did the gymnast win the fewest medals?

first season

2. In which season did the gymnast win the most medals?

fourth season

3. How many medals did the gymnast win in the third season?

5

4. How many medals did the gymnast win in all five seasons?

26

5. In general, how did the number of medals won change from the first to fifth season?

Except for the fifth season, the number of medals was greater than the season before it.



Home Activity Your child answered questions by interpreting data in a line graph. Ask your child to record the amount of time spent doing homework each night for one week. Then help him or her make a line graph to show this data.