

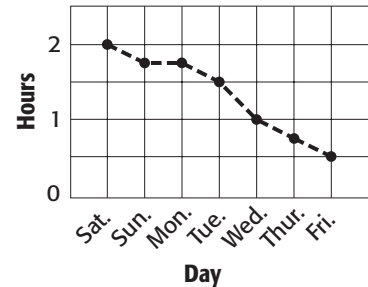
**2-3****Study Guide and Intervention****Interpret Line Graphs**

Because they show trends over time, **line graphs** are often used to predict future events.

**Example 1**

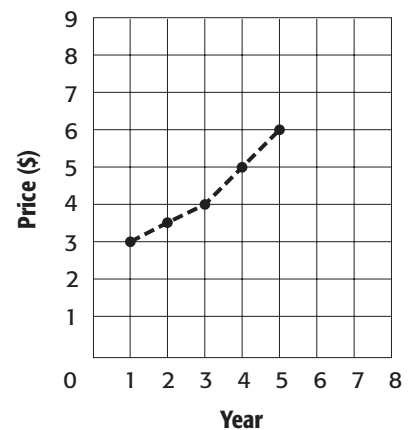
The graph shows the time Ruben spends each day practicing piano scales. Predict how much time he will spend practicing his scales on Friday.

Continue the graph with a dotted line in the same direction until you reach a vertical position for Friday. By extending the graph, you see that Ruben will probably spend half an hour practicing piano scales on Friday.

**Piano Scale Practice Times****Exercises**

**MONEY** Use the graph that shows the price of a ticket to a local high school football game over the last few years.

- Has the price been increasing or decreasing? Explain.
- Predict the price of a ticket in year 6 if the trend continues.
- In what year do you think the price will reach \$9.00 if the trend continues?

**Football Tickets**

**BANKS** Use the graph that shows the interest rate for a savings account over the last few years.

- What does the graph tell you about interest rates?
- If the trend continues, when will the interest rate reach 1 percent?

**Interest Rates**