

# SYSTEMS OF LINEAR EQUATIONS AND INEQUALITIES

► *How can you analyze the need for low-income housing?*



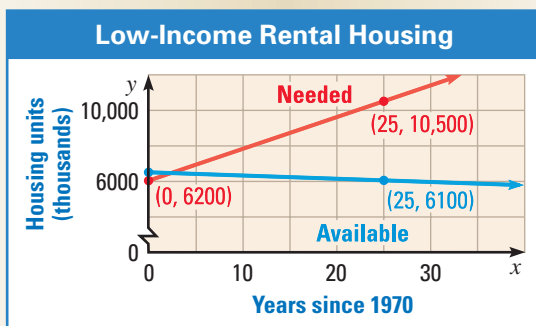
## CHAPTER

# 7

### APPLICATION: Housing

To see how the need for low-income rental housing has changed over time, you can look at a model. The graph below shows the number of households with annual earnings of \$12,000 or less that need to rent housing and the number of rental units available that they can afford.

In this chapter, you will learn how to use pairs of linear models to analyze problems.



### Think & Discuss

Use the graph to answer the following questions.

- How many low-cost housing units were available in 1995?
- In 1995, how many more low-income renters were there than low-cost units?

### Learn More About It

You will use a linear system to analyze the need for low-income housing in Ex. 51 on p. 422.



**APPLICATION LINK** [www.mcdougallittell.com](http://www.mcdougallittell.com)