

LESSON
7.5**Practice** *continued*
For use with pages 459–465

- 25. Golf Clubs** A sporting goods store stocks a “better” set of golf clubs in both left-handed and right-handed sets. The set of left-handed golf clubs sells for x dollars and the set of right-handed golf clubs sells for y dollars. In one month, the store sells 2 sets of left-handed golf clubs and 12 sets of right-handed golf clubs for a total of \$1859.30. The next month, the store sells 2 sets of left-handed golf clubs and 22 sets of right-handed golf clubs for a total of \$3158.80. Is there enough information to determine the cost of each kind of set? *Explain.*

- 26. Comedy Tickets** The table below shows the ticket sales at an all-ages comedy club on a Friday night and a Saturday night.

Day	Number of adult tickets	Number of student tickets	Total sales (dollars)
Friday	30	20	910
Saturday	45	30	1365

- a. Let x represent the cost (in dollars) of one adult ticket and let y represent the cost (in dollars) of one student ticket. Write a linear system that models the situation.
- b. Solve the linear system.
- c. Can you determine how much each kind of ticket costs? Why or why not?