Practice

## Converting Customary Units of Length

Convert each unit.

| <b>1.</b> 12  | yd =   | _ in. | 2. | . 30 ft = yd                          |
|---------------|--|-------|----|---------------------------------------|
| <b>3.</b> 75  | ft =   | _ in. | 4. | • 10 ft 7 in. = in.                   |
| <b>5.</b> 6 n | ni =   | ft    | 6. | • 2 mi = yd                           |
|               | $r, =$ , or $<$ for each in. $\bigcirc$ 5 ft |       | yd | d <b>9.</b> 36 yd 2 ft 〇 114 ft 2 in. |

The Statue of Liberty was a gift to the United States from the people of France. Some of the dimensions of the statue are shown here.

| Measurements of the Statue of Liberty   |              |  |  |  |
|---|--------------|--|--|--|
| Height from base of statue to the torch | 151 ft 1 in. |  |  |  |
| Length of hand                          | 16 ft 5 in.  |  |  |  |
| Length of index finger                  | 8 ft         |  |  |  |
| Length of nose                          | 4 ft 6 in.   |  |  |  |
| Thickness of right arm                  | 12 ft        |  |  |  |

- **10.** What is the height, from the base of the statue to the torch, in inches?
- **11.** What is the thickness of the statue's right arm in yards?
- 12. Which measure is less than 435 inches?

| <b>A</b> 37 ft | <b>B</b> 36 ft 10 in. | <b>C</b> 12 yd 3 in. | <b>D</b> 12 ft 3 in. |
|----------------|-----------------------|----------------------|----------------------|
|----------------|-----------------------|----------------------|----------------------|

**13.** Explain how you can find the number of feet in 40 yards.