

**LESSON**  
**1.6**

# Practice A

*For use with the lesson "Use Precision and Measurement"*
**Choose the more precise measurement.**

- |                   |                   |                    |
|-------------------|-------------------|--------------------|
| 1. 5 yd; 5.2 yd   | 2. 12 ft; 4 yd    | 3. 8.2 gal; 3.6 pt |
| 4. 43 min; 43 sec | 5. 6.1 m; 18.2 cm | 6. 17.5 lb; 14 oz  |

**Determine the number of significant digits in the measurement.**

- |              |             |                |
|--------------|-------------|----------------|
| 7. 42 ft     | 8. 2.56 cm  | 9. 7080 mi     |
| 10. 40.003 m | 11. 5100 mm | 12. 0.0090 sec |

**Find the unit rate.**

13. How many significant digits are in the sum  $2 + 5.8$ ?
14. How many significant digits are in the difference  $17.3 - 0.57$ ?
15. **Basketball** Shana averaged 11.9 points per game in January. Her teammate, Marsha, averaged 12.75 points per game during the same month. Which measure is more precise?
16. **Distance** Randy lives 1.97 mi from his school. Theo lives 4,224 ft from his school? Which measure is more precise?
17. **Cheese** Sam purchased 0.25 lb of provolone cheese, 2 lb of Swiss cheese, and 1.50 lb of Colby cheese from the deli. Which measure has the most significant digits?
18. **Comparing** Three students were asked to measure a desk. Their measurements are shown in the table.

Student	Measurement
Kaylib	2.01 ft
Alisa	23.9 in.
Mario	24 in.

Which student made the most precise measurement?