


# Units of Measure and Precision

Measure each segment to the nearest eighth inch and the nearest centimeter.


1.  \_\_\_\_\_

2.  \_\_\_\_\_

3.  \_\_\_\_\_

Measure each segment to the nearest sixteenth inch and the nearest millimeter.

4.  \_\_\_\_\_

5.  \_\_\_\_\_

6. Brian said that milliliters are 100 times more precise than a liter. Is he correct? \_\_\_\_\_

7. Julie measured her playground and found that it is 38 m long. Express this length in kilometers and centimeters.  
\_\_\_\_\_

8. A pitcher of fruit punch holds 1,200 mL. Express this capacity in liters. \_\_\_\_\_

## Test Prep

9. Ben said he was 5 ft 5 in. tall. Jerry said he was 5 ft  $6\frac{3}{8}$  in. tall. Robin said he was 5 ft  $4\frac{15}{16}$  in. tall. Whose measurement is the most precise?

- A. Ben                      B. Jerry                      C. Robin                      D. Ben and Robin

10. **Writing in Math** The distance from Earth to the Moon is about 385,000 km. Is the kilometer a good unit to use for this measurement? Explain.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_