

**HOME LINK**  
**9•2**

# Linear Measurements


**Family Note**

Today your child reviewed how to use a ruler to measure objects and distances in inches and feet and in centimeters and decimeters. Your child's class also began making a Table of Equivalent Measures for the U.S. customary and metric systems. Ask your child to show you how to measure some of the objects or distances that he or she selects to complete the tables below.

*Please return this Home Link to school tomorrow.*



1. Cut out the 6-inch ruler on the next page. Measure two objects or distances. Measure to the nearest foot. Then measure again to the nearest inch. Some things you might measure are the width of the refrigerator door, the length of the bathtub, or the height of a light switch from the floor.

Object <i>or</i> Distance	Nearest Foot	Nearest Inch
	about _____ ft	about _____ in.
	about _____ ft	about _____ in.

2. Cut out the 10-centimeter ruler on the next page. Measure the same objects or distances. Measure to the nearest decimeter. Then measure again to the nearest centimeter.

Object <i>or</i> Distance	Nearest Decimeter	Nearest Centimeter
	about _____ dm	about _____ cm
	about _____ dm	about _____ cm

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Complete each sentence.

3. One foot is equal to \_\_\_\_\_ inches.
4. One yard is equal to \_\_\_\_\_ feet.
5. One decimeter is equal to \_\_\_\_\_ centimeters.
6. One meter is equal to \_\_\_\_\_ centimeters.
7. Two feet are equal to \_\_\_\_\_ inches.
8. Three yards are equal to \_\_\_\_\_ feet.
9. Four decimeters are equal to \_\_\_\_\_ centimeters.
10. Seven meters are equal to \_\_\_\_\_ centimeters.

**Practice**

11.  $23 + 46 =$  \_\_\_\_\_
12.  $38 + 47 =$  \_\_\_\_\_
13.  $84 - 36 =$  \_\_\_\_\_
14.  $76 - 39 =$  \_\_\_\_\_

