

KEY CONCEPT OVERVIEW

In Lessons 13 through 15, students learn to **convert** measurements using multiplication.

You can expect to see homework that asks your child to do the following:

- Convert from one type of unit to another (e.g., 4.7 m = 470 cm; 24 ft = 8 yd).
- Solve word problems that involve measurement.

SAMPLE PROBLEM (From Lesson 14)

Convert milliliters to liters.

$$\begin{aligned} 579 \text{ milliliters} &= \underline{0.579} \text{ liter} \\ 579 \text{ milliliters} &= 579 \times (1 \text{ milliliter}) \\ &= 579 \times (0.001 \text{ liter}) \\ &= 0.579 \text{ liter} \end{aligned}$$

Additional sample problems with detailed answer steps are found in the *Eureka Math Homework Helpers* books. Learn more at GreatMinds.org.

HOW YOU CAN HELP AT HOME

- With your child, practice finding which unit is larger or smaller. For example, say to your child, “I’ll name two units, and you tell me the larger unit. Meter or kilometer? (Kilometer) Pound or ounce? (Pound) Inch or yard? (Yard) Pint or quart? (Quart).”
- Practice measurement conversions with your child while shopping in a supermarket. For example, you might ask your child, “If I need a pound of butter, and this package of butter is eight ounces, how many packages of butter should I buy?” or “If I only need two cups of cream, should I buy a pint or a quart of cream?”

TERMS

Convert: To express a measurement in a different unit (e.g., liters expressed as milliliters).