# REVIEW: Converting Customary Units

Name _____

## Key Concept and Vocabulary

**Length**
1 ft = 12 in.
1 yd = 3 ft
1 mi = 1,760 yd
1 mi = 5,280 ft

**Weight**
1 lb = 16 oz
1 ton = 2,000 lb

**Volume**
1 Tbsp = 3 tsp
1 fl oz = 2 Tbsp
1 c = 16 Tbsp
1 c = 8 fl oz
1 pt = 2 c
1 qt = 2 pt
1 gal = 4 qt

Customary units

## Visual Model

1 gallon = 4 quarts

## Skill Examples

**1.** Convert 3 feet to inches.

$3 \times 12 = 36$

⋮∙ There are 36 inches in 3 feet.

**2.** Convert 16 quarts to gallons.

$16 \div 4 = 4$

⋮∙ There are 4 gallons in 16 quarts.

## Application Example

**3.** An SUV weighs 2.5 tons, How many pounds does the SUV weigh?

$2.5 \times 2,000 = 5,000$

⋮∙ The SUV weighs 5,000 pounds.

## PRACTICE MAKES *PURR*-FECT®

*Check your answers at BigIdeasMath.com.*

**Complete the unit conversion.**

**4.** 2 c = _____ fl oz

**5.** 4 ft = _____ in.

**6.** 3 T = _____ lb

**7.** 3 mi = _____ ft

**8.** $3\frac{1}{2}$ T = _____ lb

**9.** 2 gal = _____ pt

**10.** $4\frac{2}{3}$ yd = _____ ft

**11.** 5 pt = _____ fl oz

**12.** $3\frac{1}{4}$ qt = _____ c

**13.** 32 oz = _____ lb

**14.** 6 c = _____ qt

**15.** 64 fl oz = _____ gal

**RECIPES** **Find the number of cups and the number of fluid ounces.**

**16.**

_____ c = _____ fl oz

**17.**

_____ c = _____ fl oz

**18.**
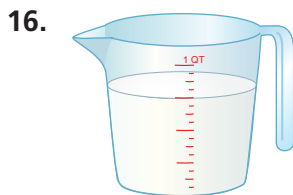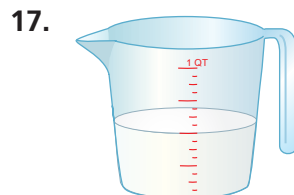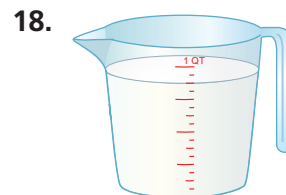
_____ c = _____ fl oz

**19.** **SPEED** A parachutist falls at a speed of about $5\frac{2}{3}$ yards per second.

Find this speed in feet per second. _____