REVIEW: Converting Customary Units Name $\qquad$


## Skill Examples

1. $3 \mathrm{ft}=3 \mathrm{ft} \cdot \frac{12 \mathrm{in} .}{1 \mathrm{ft}^{\prime}}=36 \mathrm{in}$.
2. $1.5 \mathrm{mi}=1.5 \mathrm{mi} \cdot \frac{5280 \mathrm{ft}}{1 \mathrm{mi}^{\prime}}=7920 \mathrm{ft}$
3. $2 \frac{1}{4} \mathrm{lb}=2 \frac{1}{4} \not \mathrm{Lb} \cdot \frac{16 \mathrm{oz}}{1 \not \mathrm{~K}}=36 \mathrm{oz}$
4. $5 \mathrm{qt}=5 \mathrm{qt} \cdot \frac{4 \text { cups }}{1 \mathrm{qt}}=20 \mathrm{cups}$

## PRACTICE makes PURR-FECT ${ }^{\text {m }}$

## Visual Model



## Application Example

5. A typical SUV weighs about 2.5 tons. How many pounds is that?


$$
2.5 \text { tons }=2.5 \text { tons } \cdot \frac{2000 \mathrm{lb}}{1 \text { tom }}
$$

$\therefore$ It is 5000 pounds.

Check your answers at BigIdeasMath.com.
Complete the unit conversion.
6. $3 \mathrm{mi}=$ $\qquad$ ft
7. 3 in. $=$ $\qquad$ ft
8. $\frac{1}{4} \mathrm{mi}=$ $\qquad$ ft
9. $4 \mathrm{ft}=$ $\qquad$ yd
10. $4 \mathrm{ft}=$ $\qquad$ in.
11. $1760 \mathrm{yd}=$ $\qquad$ mi
12. $32 \mathrm{oz}=$ $\qquad$ lb
13. $\frac{3}{4}$ ton $=$ $\qquad$ lb
14. $2.5 \mathrm{lb}=$ $\qquad$ oz
15. 6 cups $=$ $\qquad$ qt
16. 2 cups $=$ $\qquad$ fl oz
17. $64 \mathrm{oz}=$ $\qquad$ gal

RECIPES Find the number of cups and the number of fluid ounces.
18.

$\qquad$ cups $=$ $\qquad$ fl oz
19.

$\qquad$ cups $=$ $\qquad$ fl oz $\qquad$ cups $=$ $\qquad$ fl oz
21. SPEED A parachutist falls at a speed of about 12 miles per hour. Find this speed in feet per second. $\qquad$


