#### Lesson 10-8

#### Key Idea

The weight of objects varies from very light to very heavy.

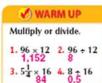
#### Vocabulary

- weight
- ounce
- · pound
- ton



# **Customary Units** of Weight

#### LEARN



16 oz = 1 lb

2,000 pounds = 1 ton

### How can you measure how light or heavy something is?

Weight is a measure of how light or heavy something is. Commonly used units of weight in the customary system are ounces (oz), pounds (lb), and tons (T).



about 1 ounce

Example A lb = 1.2 TThink: 1 T = 2,000 lb  $1.2 \times 2,000 = 2,400$ 2,400 lb = 1.2 T

Example C



about 1 lb



about 1 ton

Ex	ample B
40	oz = 🗾 lb
Thi	ink: 16 oz = 1 lb
40	+ 16 = 2 R8
40	$oz = 2 \  b  8 \ oz \ or \ 2\frac{1}{2} \  b $

## Example D

3 lb 2 oz = 2 lb 18 oz -1 lb 8 oz = -1 lb 8 oz 1 lb 10 oz

-		
3 T	1,000 lb	
+ 5 T	1,300 lb	
8 T	2,300 lb	Think: 2,000 lb = 1 T
9 T	300 lb	Add 1 T to 8 T.
		300 lb are left.

#### V Talk About It

a. a truck

tons

You are converting from a 1. In Example A, why do you multiply? larger to a smaller unit of measurement.

Sample answers are given.

Discuss the types of measuring instruments you know about that measure weight. Sample answer: scale for weighing people, scale for weighing food 3. Reasoning Which unit of weight would you Take It to the NET

b. a large sack of dog food

use to measure each weight?

pounds

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c. a tomato ounces