

# Converting Metric Units

Name \_\_\_\_\_

## Key Concept and Vocabulary

100 centimeters  
in a meter



### Length

1 cm = 10 mm  
1 m = 100 cm  
1 km = 1000 m

### Weight

1 g = 1000 mg  
1 kg = 1000 g

### Volume

1 L = 1000 mL  
1 kL = 1000 L

10 millimeters  
in a centimeter



## PRACTICE MAKES PURR-FECT™

Check your answers at [BigIdeasMath.com](http://BigIdeasMath.com).

1. **WORD MEANING** Write the meaning of “kilo.”

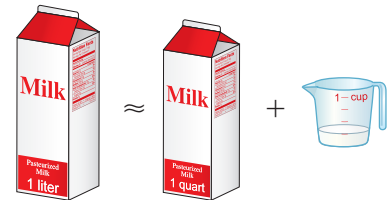
1 kilometer = 1000 meters

1 kilogram = 1000 grams

1 kiloliter = 1000 liters

“kilo” means “one thousand.”

2. **LITER AND QUART** Which is more, a liter or a quart? Circle the correct answer.



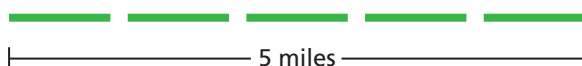
Liter is more.

Quart is more.

3. **KILOMETER AND MILE** Which takes longer, driving a kilometer or a mile? Circle the correct answer.

Kilometer takes longer.

Mile takes longer.



4. **KILOGRAM AND POUND** Which is more, a kilogram or a pound? Circle the correct answer.

Kilogram is more.

Pound is more.

