



# Measurement Conversions

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 4

## Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence:  $3 \text{ kilometers} = 300 \text{ meters}$  because 1 kilometer equals 100 meters.

Rewrite: \_\_\_\_\_

2. Fix the sentence:  $5,000 \text{ grams} = 50 \text{ kilograms}$  because you divide by 100.

Rewrite: \_\_\_\_\_

3. Fix the sentence:  $4 \text{ liters} = 400 \text{ milliliters}$  because there are 100 milliliters in a liter.

Rewrite: \_\_\_\_\_

## Part B: Fill in the Blank

Write the missing word or number on each line.

1. 1 meter = \_\_\_\_\_ centimeters

2. 2 kilograms = \_\_\_\_\_ grams

3. 7,000 milliliters = \_\_\_\_\_ liters

4. 500 centimeters = \_\_\_\_\_ meters

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. A water bottle holds 2 liters. How many milliliters is that? Show your work.

\_\_\_\_\_  
\_\_\_\_\_

2. How does the metric system make converting units easier than the customary system?

\_\_\_\_\_  
\_\_\_\_\_

## Answer Key · Measurement Conversions · Grade: Grade 4

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### Part A: Fix the Sentence

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Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: *3 kilometers = 300 meters because 1 kilometer equals 100 meters.*

Rewrite: **3 kilometers = 3,000 meters because 1 kilometer equals 1,000 meters and  $1,000 \times 3 = 3,000$ .**

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2. Fix the sentence: *5,000 grams = 50 kilograms because you divide by 100.*

Rewrite: **5,000 grams = 5 kilograms because you divide by 1,000 and  $5,000 \div 1,000 = 5$ .**

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3. Fix the sentence: *4 liters = 400 milliliters because there are 100 milliliters in a liter.*

Rewrite: **4 liters = 4,000 milliliters because there are 1,000 milliliters in a liter and  $1,000 \times 4 = 4,000$ .**

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### Part B: Fill in the Blank

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Write the missing word or number on each line.

1. 1 meter = 100 centimeters
2. 2 kilograms = 2000 grams
3. 7,000 milliliters = 7 liters
4. 500 centimeters = 5 meters

### Part C: Short Answer

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Answer each question in one or two complete sentences.

1. A water bottle holds 2 liters. How many milliliters is that? Show your work.

*Since 1 liter equals 1,000 milliliters, multiply 2 by 1,000 to get 2,000 milliliters.*

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2. How does the metric system make converting units easier than the customary system?

*The metric system uses powers of 10, so you just move the decimal point or multiply and divide by 10, 100, or 1,000.*

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