

## Grade 4th Math Worksheet 1: Measurement of length (Intermediate Level)

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

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

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### Part 1: Fill in the Blanks

- 1 kilometer = \_\_\_\_\_ meters.
  - 500 millimeters = \_\_\_\_\_ centimeters.
  - 1 meter = \_\_\_\_\_ decimeters.
  - A piece of fabric is 300 centimeters long. This is equal to \_\_\_\_\_ meters.
  - 50 millimeters = \_\_\_\_\_ centimeters.
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### Part 2: Choose the Correct Answer

- Which of the following units is best for measuring the length of a pencil?
  - a) Kilometers
  - b) Meters
  - c) Millimeters
  - d) Centimeters
- If you want to measure the length of a classroom, which unit would be most appropriate?
  - a) Millimeters

b) Centimeters

c) Meters

d) Kilometers

3. How many centimeters are in 3.6 meters?

a) 360 centimeters

b) 36 centimeters

c) 3600 centimeters

d) 3.6 centimeters

4. If a piece of wood is 2.4 meters long, how many millimeters is it?

a) 240 millimeters

b) 2400 millimeters

c) 24000 millimeters

d) 240000 millimeters

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### Part 3: Measurement Practice

Use a ruler or measuring tape to measure the length of the following objects.  
Write the length in centimeters (cm) or meters (m).

1. The length of your pencil: \_\_\_\_\_
2. The width of your textbook: \_\_\_\_\_
3. The height of your chair: \_\_\_\_\_
4. The length of the longest wall in your classroom: \_\_\_\_\_

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### Part 4: Convert Between Units

Convert the following lengths:

1. 120 centimeters = \_\_\_\_\_ meters

2. 2500 millimeters = \_\_\_\_\_ meters
  3. 4.75 meters = \_\_\_\_\_ centimeters
  4. 5 kilometers = \_\_\_\_\_ meters
  5. 850 millimeters = \_\_\_\_\_ centimeters
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### Part 5: Word Problems

1. A garden is 4 meters long and 150 centimeters wide. What is the total length and width of the garden in centimeters?  
**Answer:** \_\_\_\_\_
  2. A rope is 8 meters long. How many millimeters is the rope?  
**Answer:** \_\_\_\_\_
  3. Sarah is measuring the length of a desk. The desk is 1 meter 50 centimeters long. How many centimeters is the desk?  
**Answer:** \_\_\_\_\_
  4. John wants to buy a ribbon that is 200 centimeters long. If he buys 3 ribbons of that length, how many meters of ribbon will he have in total?  
**Answer:** \_\_\_\_\_
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### Part 6: True or False

1 kilometer is shorter than 1000 meters.

True

False

A soccer field is usually measured in meters, not centimeters.

True

False

A length of 250 millimeters is the same as 25 centimeters.

True

False

A giraffe's height is usually measured in meters.

True

False

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**Bonus Question:**

You have a piece of string that is 250 centimeters long. You cut it into 5 equal pieces. How long is each piece in meters?

**Answer:** \_\_\_\_\_

--BE THE CHAMPION!--