

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

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

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

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### Part 1: Fill in the Blanks

- 1 kilometer = \_\_\_\_\_ meters.
  - 1 meter = \_\_\_\_\_ centimeters.
  - 3 meters = \_\_\_\_\_ centimeters.
  - 150 centimeters = \_\_\_\_\_ meters.
  - A ribbon is 400 millimeters long. How many centimeters is that? \_\_\_\_\_ centimeters.
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### Part 2: Choose the Correct Answer

- Which of the following is the most suitable unit to measure the length of a pencil?
  - Millimeters
  - Meters
  - Kilometers
  - Centimeters
- How many millimeters are there in 2.8 meters?
  - 280 millimeters
  - 2800 millimeters

- c) 28 millimeters
- d) 28000 millimeters

3. A piece of wood is 3.5 meters long. How many centimeters is that?

- a) 350 centimeters
- b) 35 centimeters
- c) 3500 centimeters
- d) 35000 centimeters

4. Which of these measurements is the longest?

- a) 500 centimeters
- b) 5 meters
- c) 0.5 kilometers
- d) 500 millimeters

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### Part 3: Measurement Practice

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

1. The length of your pencil: \_\_\_\_\_
2. The width of your notebook: \_\_\_\_\_
3. The height of a door in your house: \_\_\_\_\_
4. The length of your school bag: \_\_\_\_\_

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### Part 4: Convert Between Units

Convert the following lengths:

1. 3.2 meters = \_\_\_\_\_ centimeters
2. 200 millimeters = \_\_\_\_\_ centimeters
3. 5 kilometers = \_\_\_\_\_ meters

4. 700 centimeters = \_\_\_\_\_ meters
  5. 8.5 meters = \_\_\_\_\_ centimeters
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### Part 5: Word Problems

1. A table is 2 meters long and 150 centimeters wide. What is the total length and width of the table in centimeters?

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

2. A car is 4.5 meters long. How many millimeters long is the car?

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

3. A piece of string is 8 meters long. If you cut it into 4 equal pieces, how long is each piece in centimeters?

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

4. A swimming pool is 25 meters long. How many centimeters long is the swimming pool?

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

5. A teacher has a rope that is 350 centimeters long. She cuts it into 7 equal pieces. How long is each piece?

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

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### Part 6: True or False

1. 1 kilometer is equal to 1000 meters.

True

False

2. A ruler is typically 30 centimeters long.

True

False

3. A person's height is usually measured in meters.

True

False

4. 1000 millimeters is longer than 10 centimeters.

True

False

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**Bonus Question:**

You have a ribbon that is 120 centimeters long. If you cut it into 6 equal pieces, how long is each piece in millimeters?

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

--BE THE CHAMPION!--