

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

Name: _____

Date: _____

Part 1: Fill in the Blanks

- 1 kilometer = _____ meters.
 - 1 meter = _____ millimeters.
 - 1 centimeter = _____ millimeters.
 - A piece of rope is 5.75 meters long. How many centimeters is that? _____ centimeters.
 - A football field is 100 meters long. This is equal to _____ kilometers.
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Part 2: Choose the Correct Answer

- Which of the following is the most appropriate unit for measuring the length of a swimming pool?
 - a) Millimeters
 - b) Meters
 - c) Centimeters
 - d) Kilometers
- How many millimeters are in 4.9 meters?

- a) 490 millimeters
- b) 4900 millimeters
- c) 49 millimeters
- d) 490000 millimeters

3. A piece of fabric is 3.6 meters long. How many millimeters is that?

- a) 360 millimeters
- b) 3600 millimeters
- c) 36000 millimeters
- d) 360000 millimeters

4. Which of these distances is the longest?

- a) 5 kilometers
- b) 5000 meters
- c) 500 centimeters
- d) 50000 millimeters

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 a textbook: _____
- 2. The width of a whiteboard in your classroom: _____
- 3. The height of a lamp in your room: _____
- 4. The length of a pencil: _____

Part 4: Convert Between Units

Convert the following lengths:

1. 7.4 meters = _____ centimeters
 2. 3000 millimeters = _____ meters
 3. 15 kilometers = _____ meters
 4. 2.6 meters = _____ centimeters
 5. 450 centimeters = _____ meters
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Part 5: Word Problems

1. A park has a walking track that is 800 meters long. How many kilometers long is the walking track?
Answer: _____
 2. A piece of string is 2.8 meters long. How many millimeters is the string?
Answer: _____
 3. Sarah wants to build a fence around her rectangular garden. The length of the garden is 12 meters, and the width is 5 meters. What is the total perimeter of the garden in meters? (Hint: Perimeter = $2 \times (\text{length} + \text{width})$)
Answer: _____
 4. A marathon race is 42.195 kilometers long. How many meters is the marathon race?
Answer: _____
 5. A bookshelf is 1.2 meters tall and 80 centimeters wide. What is the total height and width of the bookshelf in centimeters?
Answer: _____
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Part 6: True or False

1. 1000 millimeters is equal to 1 centimeter.

True

False
2. A football field is usually measured in meters.

True

False
3. A marathon is usually measured in kilometers, not meters.

True

False

4. 250 centimeters is greater than 2 meters.

True

False

Bonus Question:

You have a rope that is 150 centimeters long. You cut it into 5 equal pieces. How long is each piece in millimeters?

Answer: _____

--BE THE CHAMPION!--