

MY Homework

Lesson 10

Convert Metric Units of Length

Homework Helper



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The average length of a great white shark is about 4 meters.
What is the average length in centimeters?

Convert 4 meters to centimeters.

Since 1 meter = 100 centimeters, multiply 4 by 100.

$$4 \times 100 = 400$$

So, 4 meters = 400 centimeters.

The average length of the great white shark is about 400 centimeters.

Practice

Complete.

1. 300 cm = _____ m

2. 500 mm = _____ cm

3. 1.7 km = _____ cm

4. 2 km = _____ m

5. 6 cm = _____ mm

6. 238 cm = _____ m


7. 2,400 mm = _____ m

8. 175 mm = _____ m



Problem Solving

9. When completed, a tunnel will be 1,500 meters long. What is this length in kilometers?
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10. **Mathematical PRACTICE**  **Use Number Sense** The depth of a swimming pool is 8.5 meters. What is half of the depth in millimeters?
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Vocabulary Check



Choose the correct word(s) that completes each sentence.

millimeter

centimeter

meter

kilometer

metric system

11. The _____ is an appropriate unit to measure the length of a ladybug.
12. The _____ is an appropriate unit to measure the distance between two cities.
13. The _____ is a decimal system of measurement.

Test Practice

14. Kaelyn is reading a book. The book's thickness is 31 millimeters. Which is the correct thickness in centimeters?
- (A) 3.001 centimeters
- (B) 3.01 centimeters
- (C) 3.1 centimeters
- (D) 3.11 centimeters