

Metric Mania

Name _____

Lesson 1: Length

1. Which is longer? Circle your choice for each one.

1 mile or 1 kilometer

1 yard or 1 meter

1 inch or 1 centimeter

2. Complete each statement.

1 mi = _____ km

1 yd = _____ m

1 in = _____ cm

3. The basic unit of length in the metric system is the _____ and is represented by a lowercase _____.

4. The meter is defined as the _____ traveled by _____ in absolute vacuum in $\frac{1}{299,792,458}$ of a second.

5. Complete each statement.

1 km = _____ m

1 m = _____ cm

1 m = _____ mm

6. Which is larger? Circle your choice for each one.

A. 1 meter or 105 centimeters

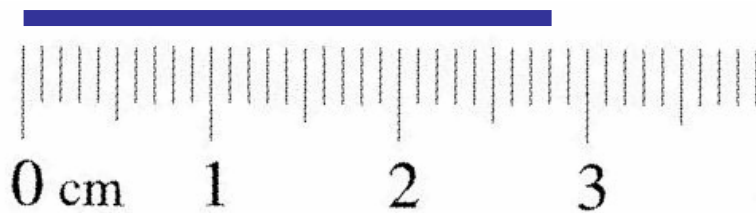
C. 12 centimeters or 102 millimeters

B. 4 kilometers or 4400 meters

D. 1200 millimeters or 1 meter

7. How many millimeters are in 1 centimeter? _____

8. Use the ruler and line below to answer the questions.



What is the length of the line in centimeters? _____ cm

What is the length of the line in millimeters? _____ mm

What is the length of the line to the nearest centimeter? _____ cm

HINT: Round to the nearest centimeter – no decimals.