

MASTERY QUIZ: Length

UNIT: Laboratory Equipment

Score: _____ 12 Points Possible / min. 80% passing

Name _____

Period _____ Date ____ / ____ / ____

Equipment: ruler with both metric and English units

1. Complete the following comparisons:
4 pts.

A. There are _____ mm in 1 cm.

C. There are _____ cm in 1 m.

B. There are _____ mm in 1 m.

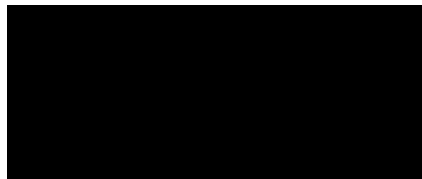
D. There are _____ m in 1 km.

For each measurement, 1 pt. each for the unit of measurement and number (including estimated last digit).

2. Determine the length of the thick line below. _____ 2 pts.



3. Determine the perimeter of the rectangle below. _____ 2 pts.



4. What is the area of the rectangle above? _____ 2 pts.

5. Which gives you the best measurement of length:
1 pt.

A. lining up the object with one END of the ruler.

B. lining up the object with a LINE on the ruler (ex.: 1 cm line).

6. EXPLAIN your reasoning for Question #5. 1 pt.
