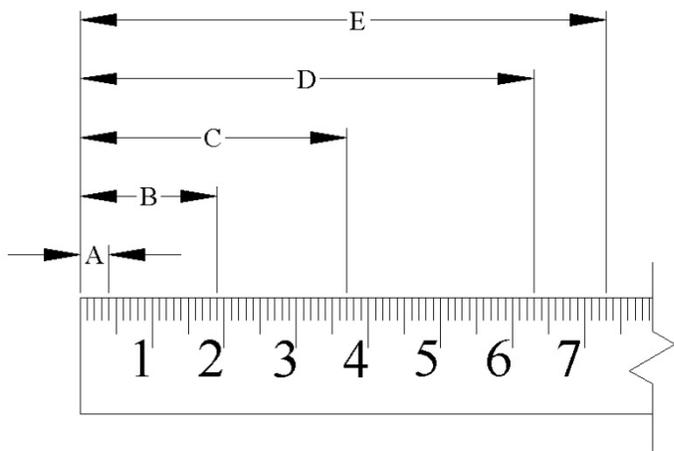


NAME: \_\_\_\_\_

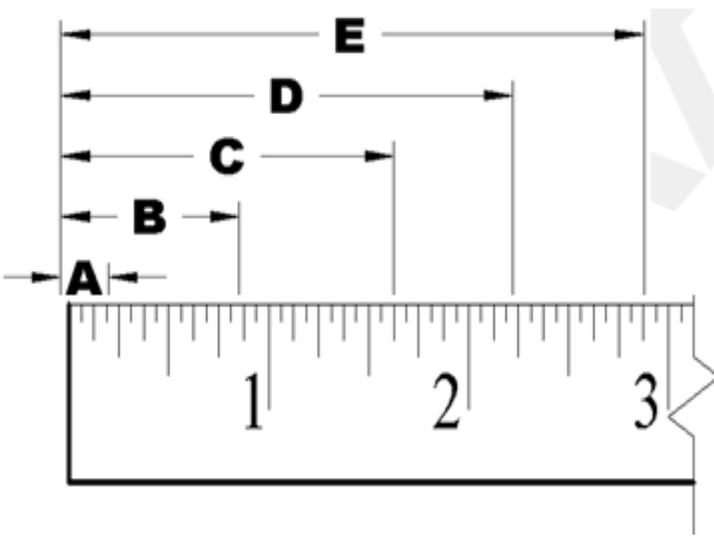
PERIOD: \_\_\_\_\_

### Standard & Metric Measurement Activity

Complete the English and Metric measurement questions in this activity.



1. Does the ruler on the left measure in Metric or English units?
2. What units would you use?
3. What is the distance from the end of the ruler to each point? Don't forget to include units.  
A.  
B.  
C.  
D.  
E.



4. Does the ruler on the left measure in Metric or English units?
5. What units would you use?
6. What is the distance from the end of the ruler to each point? Don't forget to include units.  
A.  
B.  
C.  
D.  
E.

Complete the chart below by entering an educated guess of the length of each object in the units provided. Then obtain the proper measuring tool: ruler, metric ruler, yard stick, meter stick, or tape measure. Record the correct measurement in the chart. Don't forget to include units.

Item	Educated Guess - English	Educated Guess - Metric	Actual English Measurement	Actual Metric Measurement
Notebook	in.	cm		
Desk	ft	m		
Door	yd	m		
Pencil	in.	mm		
Bookcase	ft	cm		
Window	in.	cm		

The meter is defined as the \_\_\_\_\_ traveled by \_\_\_\_\_ in absolute vacuum in  $1/299,792,458^{\text{th}}$  of a second.

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

Complete each statement.

1 mi = \_\_\_\_\_ m              1 m = \_\_\_\_\_ cm              1 in = \_\_\_\_\_ cm  
 1 km = \_\_\_\_\_ m              1m = \_\_\_\_\_ mm              1 ft = \_\_\_\_\_ cm

## Conclusion

- Which measurement system is easier for you to use? Why?
- Convert the length of a 2 ft 6 in. desk to each of the following. Show your equations and math.
  - \_\_\_\_\_ inches (in.)
- List four ways that you have used measurement in your life and identify the units that you used. For example, I drove 7 miles to get to school today – English units.