

Metric Length Scavenger Hunt

Name _____ Per. _____

It is important to choose the appropriate unit of measurement. Using a large unit on a small item will result in a large decimal. Conversely, using a small unit for a large length will result in a large number with lots of zeros, which is preferable when it comes to wealth but not practical in science.

For each of the following situations, which is the best metric unit of length to use: km, m, cm, mm?

1. _____ distance from your home to the grocery store
2. _____ length of an eraser
3. _____ length of a garden hose
4. _____ length of your dog
5. _____ distance from the front of your home to the back



Find the length of each item in your sample.

Item Name	Meter	Centimeter	Millimeter
6. string			
7. paper clip			
8. stick			
9. plastic knife			
10. diagonal of block			
11. diagonal of worksheet			
12. height of wood block			
13. circumference of cup			
14. height of chair			
15. width of room			

Find items around the room that you THINK will match each measurement. Next, find the ACTUAL measurement to see how close your guess was.

Hunt Measurement	Item Name (be specific)	Actual Measurement	Difference (+/-) (Hunt - Actual)
16. 3 m			
17. 45 mm			
18. 28 cm			
19. 150 mm			
20. 1.5 m			
21. 35 mm			
22. 2.1 m			
23. 81.3 cm			
24. 12.7 cm			
25. 0.55 m			

26. Which measurements had the smallest differences, thus got the closest guesses?

27. Which measurements had the largest differences?

28. Which measurements were you most surprised at? Explain.
