

Practice for Test: Scientific Notation and International System Units (SI)

I. Perform each conversion using unit factoring.

1. 300mL=_____ L
2. 6.2kg=_____ g
3. 23m=_____ cm
4. 0.127g=_____ mg
5. 0.32m=_____ km

II. Express each number in scientific notation

Example 0.0096	9.6×10^{-3}
6. 0.0000307	
7. 2,000	
8. 0.30	
9. 3,458,000	
10. 0.00186	

III. Fill in the blank for each premise.

11. The _____ is the unit of time in the SI System.
12. The unit of mass commonly used in the laboratory is the _____.
13. The space occupied by an object is the _____.
14. One-hundredth of a meter is written as a _____.
15. A prefix meaning one thousand standard unit is _____.
16. Which of the following units would we use to measure the distance to Australia? _____

