

Using SI Units

Match the terms in Column II with the descriptions in Column I. Write the letters of the correct term in the blank on the left.

Column I

Column II

- | | |
|---|----------------|
| _____ 1. distance between two points | a. time |
| _____ 2. SI unit of length | b. volume |
| _____ 3. tool used to measure length | c. mass |
| _____ 4. units obtained by combining other units | d. density |
| _____ 5. amount of space occupied by an object | e. meter |
| _____ 6. unit used to express volume | f. kilogram |
| _____ 7. SI unit of mass | g. derived |
| _____ 8. amount of matter in an object | h. liter |
| _____ 9. mass per unit of volume | i. second |
| _____ 10. temperature scale of most laboratory thermometers | j. Kelvin |
| _____ 11. instrument used to measure mass | k. length |
| _____ 12. interval between two events | l. balance |
| _____ 13. SI unit of temperature | m. meterstick |
| _____ 14. SI unit of time | n. thermometer |
| _____ 15. instrument used to measure temperature | o. Celsius |

Circle the two terms in each group that are related. Explain how the terms are related.

16. Celsius degree, mass, Kelvin _____

17. balance, second, mass _____

18. kilogram, liter, cubic centimeter _____

19. time, second, distance _____

20. decimeter, kilometer, Kelvin _____