

Name: _____
Period: _____

Ch. 1 Vocabulary Review

I. Vocabulary

Match the descriptions in Column I with the terms in Column II by writing the letter in the blank at the left.

Column I

- _____ 1. Major science that studies the properties & composition of matter
- _____ 2. Major science that studies forces, motion, and energy, and their effects on matter
- _____ 3. Major science that studies living organisms
- _____ 4. Major science that studies Earth and its place in space
- _____ 5. Branch of Earth science that studies Earth, its matter, and the processes forming and shaping Earth.
- _____ 6. Branch of Earth science that studies weather and the forces and processes that cause it.
- _____ 7. Branch of Earth science that studies objects in space
- _____ 8. Branch of Earth science that studies the oceans
- _____ 9. Use of scientific discoveries
- _____ 10. One of many methods for finding solutions to problems
- _____ 11. Standard of comparison in an experiment
- _____ 12. Changeable factor in an experiment
- _____ 13. Explanation backed by results from repeated tests or experiments
- _____ 14. Rule of nature
- _____ 15. Its SI unit of measurement is the meter
- _____ 16. Its SI unit of measurement is the kilogram
- _____ 17. Its SI unit of measurement is the Newton
- _____ 18. Amount of surface included within a set of boundaries
- _____ 19. Measure of how much space an object occupies
- _____ 20. It is equal to mass divided by volume
- _____ 21. Its SI unit of measurement is a Kelvin
- _____ 22. They are designed to protect you from injury and possible hazards
- _____ 23. Prediction about a problem that can be tested
- _____ 24. Force that pulls particles of matter toward
- _____ 25. Basic unit of volume in SI

Column II

- a. strategy
- b. chemistry
- c. weight
- d. oceanography
- e. density
- f. variable
- g. life science
- h. Earth science
- i. technology
- j. length
- k. safety rules
- l. astronomy
- m. law
- n. control
- o. physics
- p. temperature
- q. area
- r. meteorology
- s. mass
- t. geology
- u. hypothesis
- v. cubic meter
- w. gravity
- x. theory
- y. volume

I. Sequencing

Place the steps of the scientific method in the correct order. (2.5 Points)

The First Step should be labeled as "1", 2nd Step as "2", etc. You either earn all or none on this question.

26. ___ Draw Conclusions
 ___ Determine the problem.
 ___ Observation
 ___ Test your hypothesis.
 ___ Make a hypothesis.

II. Classifying

In each of the following items, cross out the terms that do not relate to the first term.

27. gravity: weight, Newton, area
28. temperature: Kelvin, density, thermometer
29. problem solving: safety rules, critical thinking, scientific methods