

Chemistry | Unit 1 Test: Introduction to Chemistry

1. Chemistry is the study of _____ and energy that helps to understand atoms and how they combine to form molecules.
 - a. numbers
 - b. matter
 - c. machines
 - d. genetics
2. Who is credited with transforming chemistry from a science of observation to a science of measurement and is known as the "father of chemistry"?
 - a. Neils Bohr
 - b. Linus Pauling
 - c. Robert Boyle
 - d. Antoine Lavoisier
3. Which early chemist worked with gas-phase reactions and was able to describe their behavior mathematically?
 - a. Joseph Priestley
 - b. Robert Boyle
 - c. Antoine Lavoisier
 - d. J.J. Thomson
4. The synthesization of new carbon compounds is studied in _____ chemistry.
 - a. Physical
 - b. Inorganic
 - c. Organic
 - d. Analytical
5. What type of chemistry does the following sentence best describe?
Stan is researching a new insecticide that will be less toxic to birds and small mammals that may come in contact with it.
 - a. Applied chemistry
 - b. Neither applied nor pure chemistry
 - c. Pure chemistry
6. Chemical reactions:
 - a. Always release energy
 - b. Are never accompanied by energy changes
 - c. Can either absorb or release energy
 - d. Always absorb energy

Answers To Chemistry A Study Of Matter Unit 15

S.K. Jain & Shailesh K. Jain



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