

Chapter 1

Answers to Questions

1. A hypothesis is a tentative explanation then, after confirmation by experimentation, a theory can be developed.
2. An observation is a discovery that is made initially and an experiment is a test of a hypothesis made under controlled conditions;
3. (a) geology; (b) biochemistry.
4. (a) physics; (b) geochemistry.
5. (a) physical chemistry; (b) analytical chemistry.
6. (a) organic chemistry (b) inorganic chemistry.
7. Materials chemistry.
8. Natural products chemistry.