

Science Study Guide  
Section C Chapter 2

Vocabulary – the following terms may be seen as matching, multiple choice, short answer, or fill-in the blank.

1. Nucleus
2. Proton
3. Neutron
4. Electron
5. Element
6. Atom
7. Molecule
8. Periodic Table
9. Compound
10. Metalloids
  
11. What scientist eventually proved that all matter is made up of atoms?
12. What is the atomic theory of matter?
13. What are the 4 basic subatomic particles?
14. If a particle has more electrons than protons, what type of charge does it have? What if there were more protons than electrons?
15. What is an elements atomic number?
16. If you were to see the parts of the sodium and iron atoms, how could you tell them apart?
17. All living things have this element in them.
18. Name the 5 properties of metals AND know what they mean.
19. How is the modern Periodic Table of the Elements arranged?
20. Be able to tell me how to read a chemical formula. For example:  $C_6H_{12}O_6$  is sugar, but what do the letters and numbers stand for?