**Pg 51 #2-10 Solutions**

2. Chemical symbols allow scientists to communicate about elements in a way that is understood by scientists all over the world.

3. (a) Hydrogen, nitrogen, oxygen, fluorine

(b) Bromine, mercury

(c) Answers may vary. Sample answer: potassium, carbon, phosphorus, sulphur, iodine.

(d) Answers may vary. Sample answer: lithium, sodium, rubidium, cesium.

4. Any two of strontium, magnesium, copper

5. (a) Cobalt, Co

(b) Bromine, Br

(c) Iodine, I

(d) Beryllium, Be

(e) Fluorine, F

(f) Neon, Ne

(g) Chlorine, Cl

(h) Mercury, Hg

(i) Rubidium, Rb

(j) Cesium, Cs

(k) Phosphorus, P

6. Hydrogen

7. Silver

8. Iron and carbon make steel. Other metals are usually added in as well.

9. The atmosphere is about 21% oxygen.

10. Oxygen in our atmosphere was produced by plants over the past 3 billion years.