Section 6.2 Elements and Compounds

After reading pages 140-143, answer the following questions or fill in the blanks.

1) How many kinds of pure substances are there? _____

2) Pure substances can be classified into what two types?

_____

3) What is an **element**? _____

_____

4) About how many pure substances can be classified as elements? _____

5) Elements are composed of only _____ of particle. For instance, aluminum foil is made of the element _____. Is it composed of only particles of _____.

6) Draw a picture of what the particles in aluminum foil look like:

7) List 3 elements that are commonly found in nature:

_____

8) List an element that is rare: _____

9) List two dangerous elements: _____

10) What is a **compound**? _____

_____

11) Label the following models of matter as **element (E)**, **compound (C)**, or **mixture (M)**.

MODEL				
E, C, or M				
MODEL				
E, C, or M				