

Name: \_\_\_\_\_ Block: \_\_\_\_\_ Date: \_\_\_\_\_

Chemistry 11

**Elements and Compounds Worksheet**  
(37 marks)

Assignment

1. Fill in the blanks in the following chart. (8 marks) – see pg. 74 of text

Element Name	Element Symbol	Common Ions Formed	Derivative Name
a.			Natrium
b.	Cu		
c.	W		
d.			Ferrum
e.	Sn		
f. Potassium			
g.			Aurum
h.	Ag		

2. Complete the following sentences by filling in the appropriate word from the list below. (8 marks)

Atomic number  
Elements  
Mixtures  
Compound  
Symbols  
Properties

Carbon  
Pure  
Periodic table  
Letters  
Carbon dioxide

- a. \_\_\_\_\_ cannot be separated by physical or chemical means.
- b. Elements are abbreviated with \_\_\_\_\_, which consist of one or two \_\_\_\_\_.
- c. Elements are organized on the \_\_\_\_\_ according to their \_\_\_\_\_.
- d. Two or more elements chemically combined make up a \_\_\_\_\_.
- e. \_\_\_\_\_ is an example of an element and \_\_\_\_\_ is an example of a compound.
- f. Elements and compounds are called \_\_\_\_\_ substances because they have a unique set of chemical and physical \_\_\_\_\_.