

## Chapter 2 Worksheet (CHEMISTRY)

1) In these compounds, how many atoms are there of each element?

- a)  $\text{PtCl}_4$
- b)  $\text{CaCO}_3$
- c)  $\text{Mg}(\text{OH})_2$
- d)  $\text{Cu}(\text{NO}_3)_2$

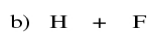
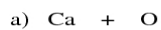
2) What is the symbol and atomic number of each element?

- a) carbon
- b) aluminum
- c) lead
- d) chromium
- e) tin

3) You just found out the number of protons in each element. Using the mass number of each from the periodic table (round off), how many neutrons does each element have? Show your work.

- a) carbon
- b) aluminum
- c) lead
- d) chromium
- e) tin

4) Draw how the atoms will combine to form a compound and identify what type of bond is formed.



5) Balance these equations.