

## 9.2 Review Questions

1. Please draw the Lewis Dot Structures for the following atoms.

- a. Neon
- b. Silicon
- c. Sulfur
- d. Magnesium
- e. Copper (has a valence number of 2+)

2. Please draw the Lewis Dot Structures for the following molecules.

- a.  $\text{MgCl}_2$
- b.  $\text{KBr}$
- c.  $\text{H}_4\text{C}$
- d.  $\text{CH}_3\text{COOH}$  (This is a little difficult, but just follow the order given.)

3. For the following combinations of elements, please;

- i. give the molecular formula
- ii. give the Lewis dot representation

- a. Rb and S
- b. Ca and F
- c. Sr and O
- d. Al and Cl
- e. H and O
- f. Ne and H
- g. Li and Te
- h. Na and Cl
- i. C and I
- j.  $\text{Fe}^{2+}$  and N

4. Please make the electron dot model for  $C_6H_6$ .