Lewis Dot Diagrams:

1. Draw Lewis dot diagrams for a single molecule of the ionic compound formed by the following:

A. Lithium and fluorine.

B. Magnesium and chlorine.

C. Potassium and oxygen.

D. Sodium and chlorine.

E. Magnesium and sulfur.

F. Beryllium and fluorine.

G. Aluminum and oxygen.

H. Potassium and nitrogen.

I. Calcium and nitrogen.

2. Write the chemical formula and chemical name for each of the compounds found in number 1.

3. Draw Lewis dot diagrams for the following compounds:

A. AlN

B. Fe2O3

C. Manganese (IV) sulfide

D. Copper(I) oxide

E. Magnesium chloride