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1. What are single valence electrons called?
 2. What are paired single valence electrons called?
 3. Draw and Lewis diagram for chlorine and label a lone pair and a bonding electron.

4. Draw the Lewis formula for the following elements.

carbon

sodium

argon

magnesium

sulfur

5. For the following element combinations show using Lewis formulas the forming of the resulting compound.

a. sodium and phosphorous

b. beryllium and bromine

6. Draw an Lewis formula and structural formula for the following compounds

