



















FES 100 – Introduction to Forest Biology

Week 3 – Question for September 17, 2007

On a separate sheet of paper, in the upper right corner, write your **GROUP NUMBER**, **names of all group members**, and today's date.

First shell	Hydrogen ${}_1\text{H}$ 							Helium ${}_2\text{He}$ 
Second shell	Lithium ${}_3\text{Li}$ 	Beryllium ${}_4\text{Be}$ 	Boron ${}_5\text{B}$ 	Carbon ${}_6\text{C}$ 	Nitrogen ${}_7\text{N}$ 	Oxygen ${}_8\text{O}$ 	Fluorine ${}_9\text{F}$ 	Neon ${}_{10}\text{Ne}$ 
Third shell	Sodium ${}_{11}\text{Na}$ 	Magnesium ${}_{12}\text{Mg}$ 	Aluminum ${}_{13}\text{Al}$ 	Silicon ${}_{14}\text{Si}$ 	Phosphorus ${}_{15}\text{P}$ 	Sulfur ${}_{16}\text{S}$ 	Chlorine ${}_{17}\text{Cl}$ 	Argon ${}_{18}\text{Ar}$ 

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Use the periodic table, construct compounds between two or more atoms covalent bonds and ionic bonds. The molecules or ions must be stable. You can use the back of the paper.

Covalent

Ionic