

1. Determine the valence electrons of elements in groups 1-18.

Group 1 _____

Group 2 _____

Group 13 _____

Group 14 _____

Group 15 _____

Group 16 _____

Group 17 _____

Group 18 _____

Group 18 Helium _____

2. Color and label the periodic table as described on pages 78 and 79. (**Turn in**)

3. From the above graph, identify the elements in the following families:

Alkali metals

Alkaline Earth Metals

Transition metals

Non-Metals

Halogens

Noble gases

Semi-conductors

4. Define the following:

Metals

Nonmetals

Semiconductors

Alkali metals

Alkaline Earth Metals

Transition Metals

Halogens

Noble gases

5. What is interesting about Technetium and Promethium?

6. What are some uses for Silicon?