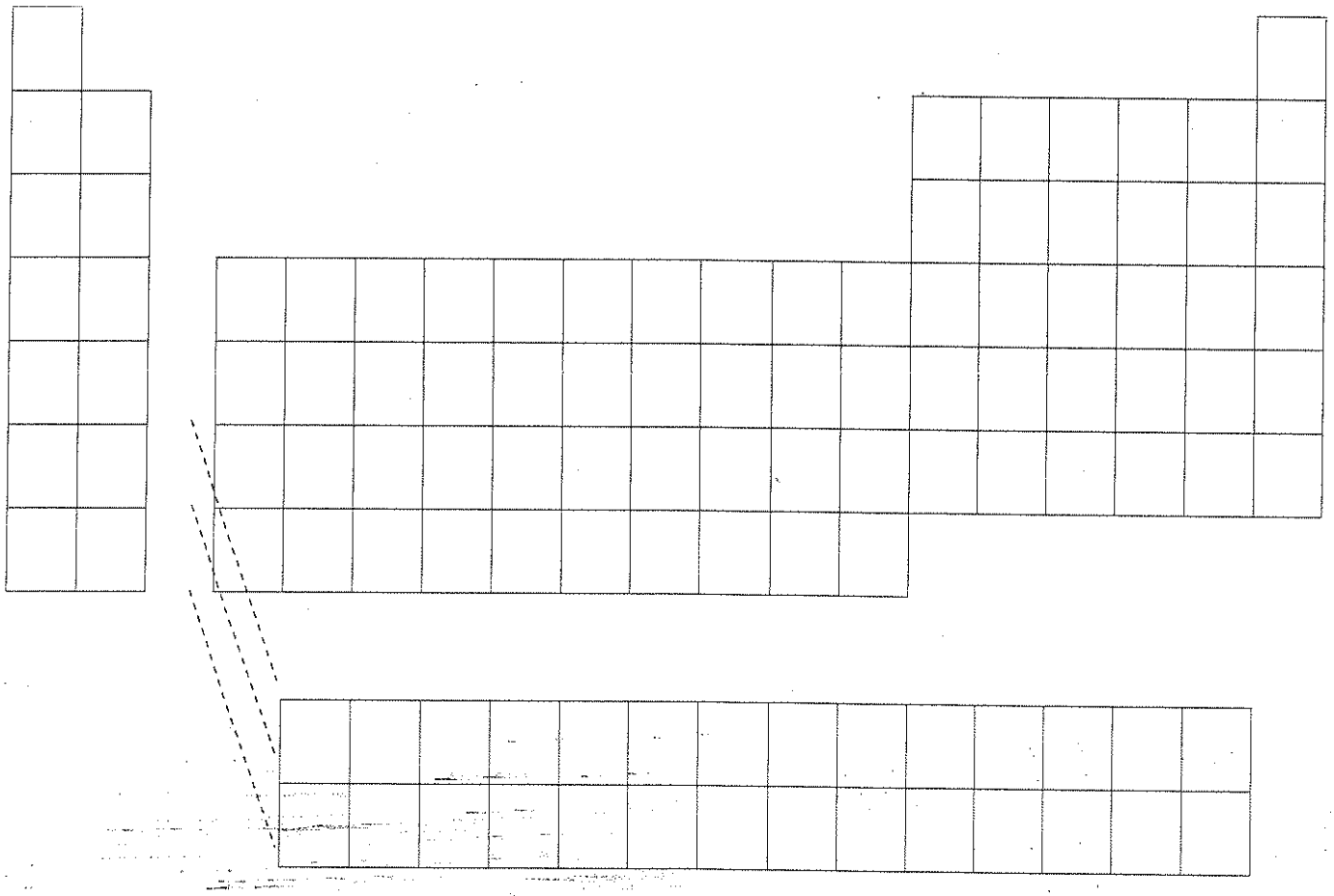
Getting To Know the Periodic Table

1. Number the groups. (1-18)
2. Number the periods (1-7)
3. Draw a heavy black line around the semiconductors (metalloids).
4. Write the name of each of the following groups above the number:
   - Group 1 alkali metals
   - Group 2 alkaline earth metal
   - Group 3-12 (collectively) transition metals
   - Group 16 chalcogens
   - Group 17 halogens
   - Group 18 Noble gases
5. Write the names of the two rows at the bottom of the chart: lanthanides (top) and actinides (bottom)
6. Write the symbol of each element in BLACK.
7. Place the atomic number for each element above the symbol.
8. Use the following chart to color the periodic table.

Halogen (group 17)	blue	Transition(3-12)	green
Noble gases (18)	yellow	Chalcogens (16)	brown
Alkali metals (1)	purple	Lanthanides (planner)	orange
Alkaline earth metals (2)	red	Actinides (planner)	light blue

9. Outline the symbol's box in dark green if it is RADIOACTIVE in its most common form. (Use your planner to show you the radioactive elements)



Families of Elements Name:_____

Metals, Nonmetals, Semiconductors

	Metal	Nonmetal	Semiconductor
(3)Properties	1. 2. 3.	1. 2. 3.	1. 2. 3.
(5) Element Examples	1. 2. 3. 4. 5.	1. 2. 3. 4. 5.	1. 2. 3. 4. 5.
Describe general area it is found on the periodic table (right, left, center)			
Group Names (columns) (not numbers)	1. 2. 3.	1. 2.	Exempt X
Other interesting information (2 for each)	1. 2.	1. 2.	1. 2.