

On the blank periodic table provided, indicate in the appropriate position, and/or label the following:

- Metals, non-metals and metalloids (use different types of shading to indicate their positions).
- The name, symbol and atomic number for each of the first 20 elements (you will have to write with very small letters).
- All the solids, liquids and gases (use a different symbol to distinguish between each of these).
- The 7 periods (number each period at the left hand end of each row).
- The 18 groups (number each group at the top of each column).
- The locations of the four families discussed in class (Akali Metals, Alkaline Earth Metals, Halogens, and Noble Gases).
- The name, symbol and atomic number for the three coinage metals (copper, silver and gold).
- The name, symbol and atomic number for the element selenium.

You may want to use information from pages 219-222 to help you complete your periodic table.

Read p.193 and p.222. Answer the following:

1. Explain why the three coinage metals have similar chemical and physical properties.
2. a) What is the physical state of selenium at room temperature? _____
b) What is its group number in the table? _____
c) What is its period number in the table? _____
3. What are the 3 rules for naming modern elements on the periodic table.
I. _____
II. _____
III. _____

