

Section 4.1

1. All bolded terms from page 142 and 143 should be understood enough to describe the difference between similar terms.

For example:

What is the difference between physical and chemical properties?

2. From page 144 - Draw the model of the atom and identify the charge, mass and location of each subatomic particle.
3. From pages 145-150:
 - a. What information about the atom can be obtained by looking at the periodic table
 - b. Atomic Number = ?
 - c. Atomic Mass or Mass Number = ?
 - d. Group Number = ?
 - e. Period Number = ?
 - f. Location of the element on the periodic table = ?
 - g. Draw the Bohr diagram for Sulphur and for fluorine.
4. What is the difference between Metals, Non-metals and metalloids?
5. Describe the four “special” groups or families in the periodic table.