

# Atomic Structure

Pre-lesson Assignment – p.8-11

Define the following terms:

- Atomic number
- Mass number
- Isotope
- Ion
- Cation
- Anion

Make notes on atomic structure:

*Use the following questions as guidance*

1. Draw a diagram of the nuclear model of the atom and label it.
2. Record the relative charge and mass of each subatomic particle.
3. Explain how isotopes of the same element are
  - a. Similar
  - b. Different
4. Explain how ions are formed, and how the number of particles is related to the charge of the ion.