

Study Guide for Atoms & Periodic Table Unit Test

- Study all warm ups
- Know how to use an elements name, symbol, atomic number, protons, electrons or atomic mass to find it on the periodic table.
- Know how to find an elements name, symbol, atomic number, protons, electrons, neutrons and atomic mass if you are given one of them.
- Know how to figure out how many protons, neutrons & electrons are in an atom of an element if you are given a drawing/picture of the element.
- Know the charges of each of the atom particles.
- Understand what happens when the number of protons changes in an atom.
- Be able to use your periodic table to determine number of protons, neutrons & electrons are in the atoms AND whether they are metals, nonmetals or metalloids, AND whether they are solids, liquids or gases at room temp & pressure AND which group and/or period they are in.
- Know the properties that most metals share AND the properties that most non-metals share AND the properties that most metalloids share.
- Be able to draw an atom and show energy levels in a Bohr diagram.
- Know what a valence electron is and how to determine the number of valence electrons for an element.
- Study all notes