

Atoms, Elements, and Compounds Study Guide
Test on _____

1. Be able to match the definitions of the following words: Atom, Element, Compound, Chemical Formula
2. Can scientists see an atom with the unaided human eye?
3. Know where protons, neutrons, and electrons are found and what charges they have.
4. Know what atomic number and atomic mass are.
5. Know who first arranged the Periodic Table of the Elements and how the table is now arranged.
6. Know what the central part of an atom is called.
7. Be able to identify protons, neutrons, and electrons in a diagram.
8. Be able to identify the following atoms in diagrammed form: hydrogen, helium, oxygen, lithium.
9. Be able to use the Periodic Table of the Elements to identify atomic numbers, symbols, atomic names, atomic mass, protons, neutrons, and electrons.
10. Be able to determine the number of atoms and elements in a compound.
11. Be able to identify chemical formulas if given the “recipe” of a compound.

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