

Intro to Atoms Clicker Questions

1. "atomos" means?
2. Atoms of one kind of element _____ be changed into a different element with ordinary chemical means. (can, can't)
3. Every compound is composed of atoms of different elements combined how?
4. In Thompson's model of the atom, the negatively charged electrons were located how in the atom?
5. In Rutherford's Atomic model, the protons - positively charged particles are located where?
6. Rutherford's proof of the proton's location in the atom came from an experiment with _____
7. In the Bohr model of the atom, electrons are arranged how?
8. A neutron has (a) _____ charge
9. (T/F) The number of neutrons in an atom has to equal the number of protons.
10. (T/F) The mass of an electron is 200x smaller than the mass of a proton!
11. The atomic number of an element is based on the number of _____ in the element.
12. An isotope is an atom with _____
13. Look at the periodic table in the back of your book. What is the number of neutrons in the Radon isotope that has a mass of 225?