

Atomic Structure Worksheet

Name: _____

Date: _____

1. The nucleus of an atom contains _____ and _____.
2. The number of _____ in an atom determines its chemical element.
3. Isotopes of an element have the same number of _____ but different numbers of _____.
4. The charge of an ion is determined by the gain or loss of _____.
5. The atomic number of an element represents the number of _____ in an atom.
6. An atom with more electrons than protons is called a _____ ion.
7. An example of an isotope of oxygen is:
 - Oxygen-16
 - Carbon-12
 - Nitrogen-14
 - Hydrogen-3