

Atomic Structure Worksheet

What is the atomic number of an element with 11 protons?

- 22
- 11
- 12
- 23

An atom that has gained or lost electrons is called a?

- Molecule
- Isotope
- Ion
- Proton

How do you calculate the mass number of an atom?

- Protons + Neutrons
- Protons + Electrons
- Neutrons - Protons
- Electrons + Neutrons

Which particle determines the chemical properties of an element?

- Proton
- Electron
- Neutron
- Nucleus

What does the atomic number of an element represent?

- The number of neutrons
- The total number of protons & neutrons
- The number of protons
- The number of atoms in a molecule

Electrons are found in which part of an atom?

- Nucleus
- Energy levels (shells)
- Inside neutrons
- Inside protons