

# Atomic Structure Worksheet

## Multiple Choice Questions

**1** What is the atomic number of an atom with 9 protons

- 18
- 9
- 19
- 6

**2** Which subatomic particle determines the identity of an element

- Proton
- Electron
- Neutron
- Isotope

**3** An atom that has gained or lost electrons is called a(n):

- Isotope
- Ion
- Proton
- Neutron

**4** What is the charge of an oxygen ion ( $O^{2-}$ ) after gaining two electrons

- +2
- -2
- 0
- -1