

# Atomic Structure Worksheet

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

## Multiple-Choice Questions

**1. Which subatomic particle carries no electrical charge?**

- a) Proton
- b) Electron
- c) Neutron
- d) Nucleus

**2. What is the total number of electrons in a neutral atom of aluminum (Atomic Number = 13)**

- a) 10
- b) 13
- c) 14
- d) 16

**3. An atom of an element with an atomic number of 15 will always have?**

- a) 15 protons
- b) 15 neutrons
- c) 15 electrons and 10 protons
- d) 10 protons and 15 electrons

**4. What is the charge of an ion formed when a chlorine atom gains one electron?**

- a) +1
- b) 0
- c) -1
- d) +2

**5. Which element has 7 protons and 7 neutrons in its nucleus?**

- a) Oxygen
- b) Carbon
- c) Nitrogen
- d) Neon