

# Atomic Structure Worksheet

1. How many protons and neutrons are present in an atom of magnesium (Mass number = 24)?

Protons = \_\_\_\_\_ Neutrons = \_\_\_\_\_

2. What is the name, symbol, and charge of an ion that contains 11 protons and 9 electrons?

Name = \_\_\_\_\_ Symbol = \_\_\_\_\_  
Charge = \_\_\_\_\_

3. How many protons and neutrons are present in an atom of xenon (Mass number = 131)?

Protons = \_\_\_\_\_ Neutrons = \_\_\_\_\_

4. What is the name, symbol, and charge of an ion that contains 16 protons and 18 electrons?

Name = \_\_\_\_\_ Symbol = \_\_\_\_\_  
Charge = \_\_\_\_\_