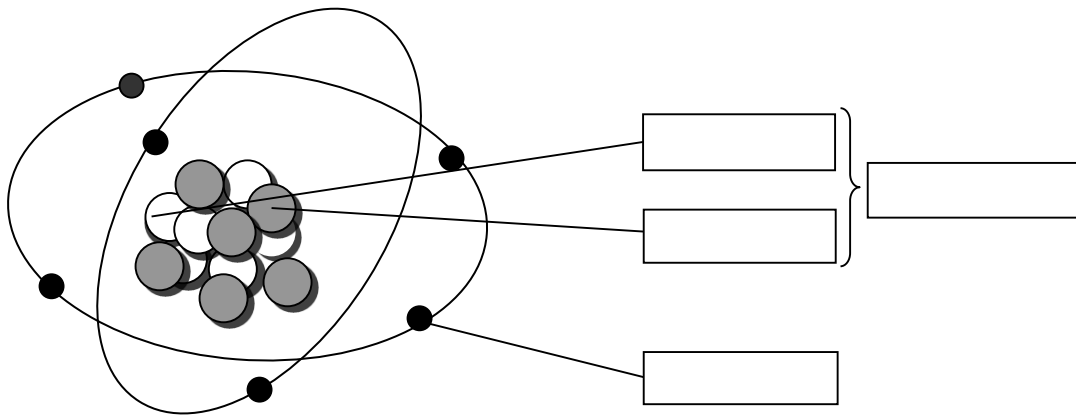


What's the Matter?

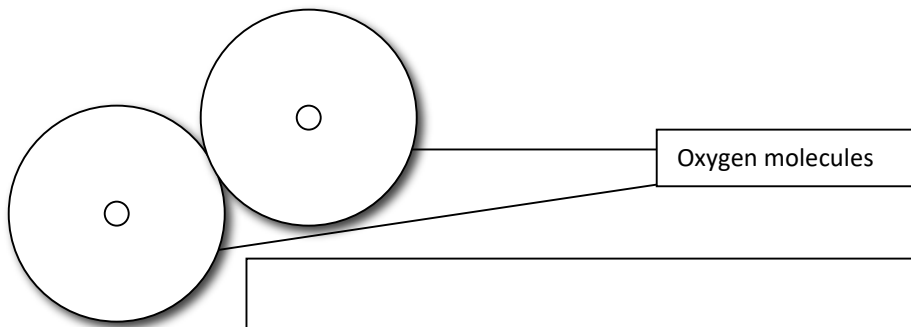
Atom



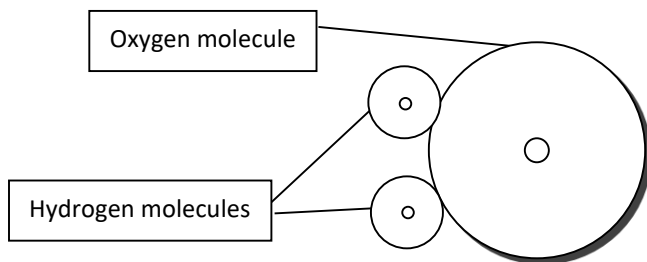
An **atom** is made up of three kinds of particles

— _____, _____, _____

Molecule



Compound



Review of Atomic Structure

1. What is the core of an atom called?
 - a. proton
 - b. nucleus
 - c. neutron
 - d. electron
2. What two types of particles are found in the nucleus of an atom?
 - a. Protons & electrons
 - b. Protons & neutrons
 - c. Electrons & neutrons
 - d. Nucleus & neutrons
3. What type of particle orbits around the nucleus?
 - a. Proton
 - b. Electron
 - c. Nucleon
 - d. Elements
4. What charge does a proton carry?
 - a. Positive
 - b. Negative
 - c. Neutral
5. What charge does a neutron carry?
 - a. Positive
 - b. Negative
 - c. Neutral
6. What charge does an electron carry?
 - a. Positive
 - b. Negative
 - c. Neutral
7. What does the atomic number tell you?
 - a. The number of protons
 - b. The weight
 - c. The number of electrons
 - d. Nothing

Look at the atoms below and complete the information

REMEMBER, protons + neutrons = atomic mass

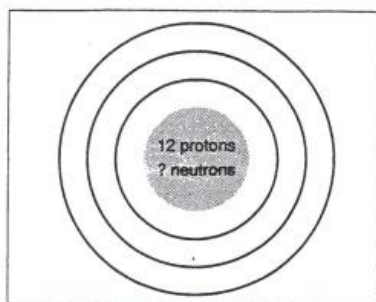


Figure H Atomic mass = 24

1. How many neutrons does this atom have? _____
2. How many electrons? _____
3. What is the atomic number? _____

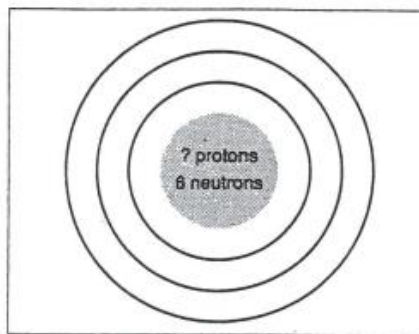


Figure I Atomic mass = 11

1. How many protons does this atom have? _____
2. How many electrons? _____
3. What is the atomic number? _____

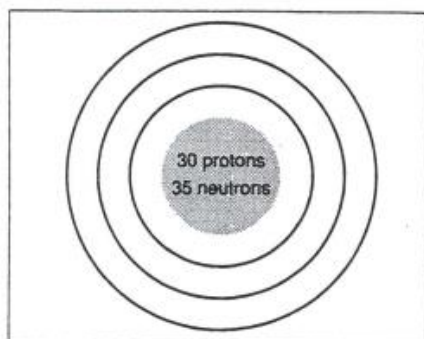


Figure J Atomic mass = ?

1. What is the atomic mass of this atom? _____
2. How many electrons? _____
3. What is the atomic number? _____