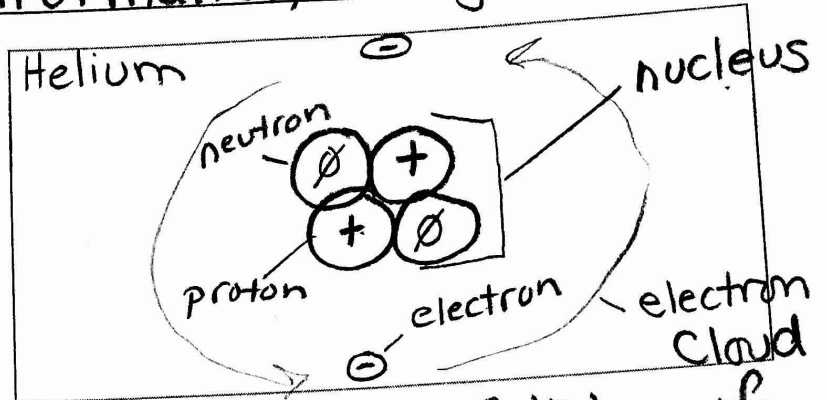


Notes # \_\_\_ : Atoms, Elements, Compounds, Mixtures

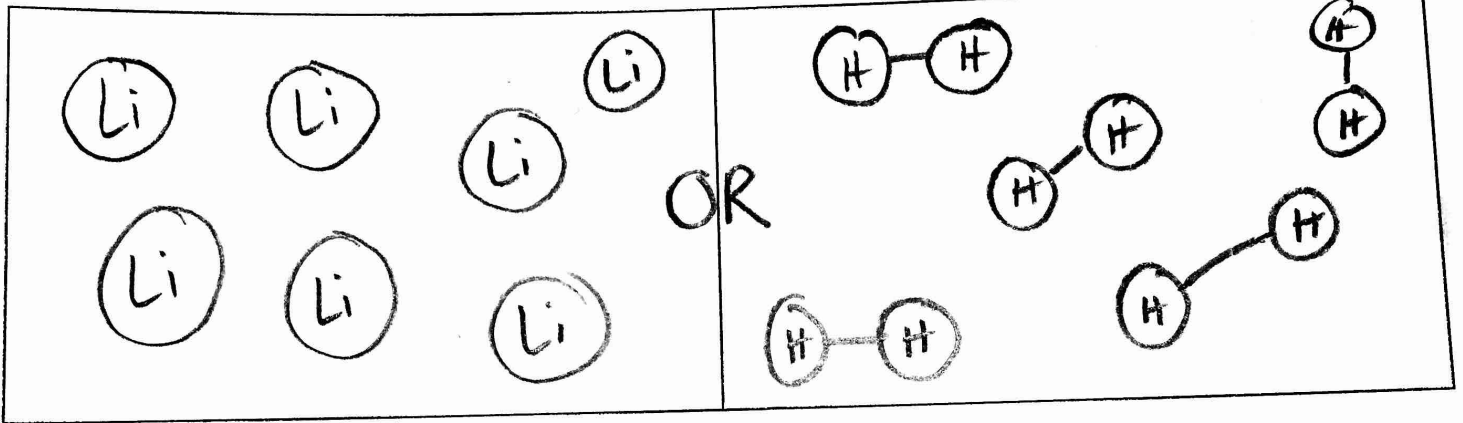
Atom - Smallest whole unit of matter, building block of matter

3 parts of the atom:

- Nucleus
1. protons (+ charge)
  2. neutrons (0 charge)
3. electrons (- charges)  
 → electron cloud

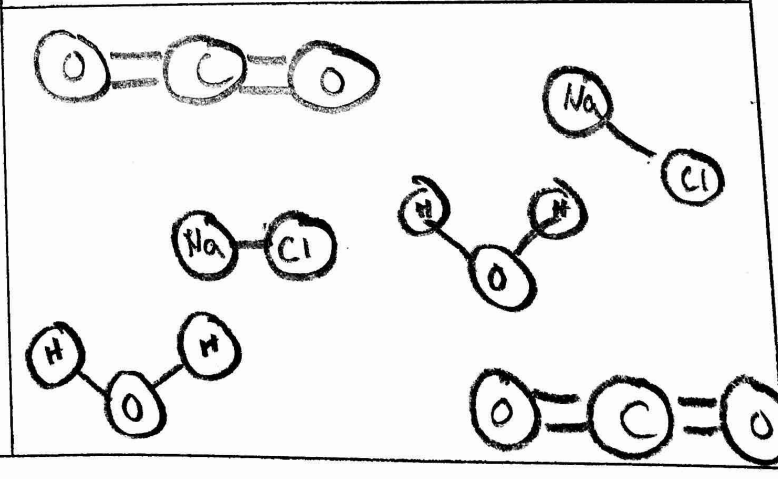
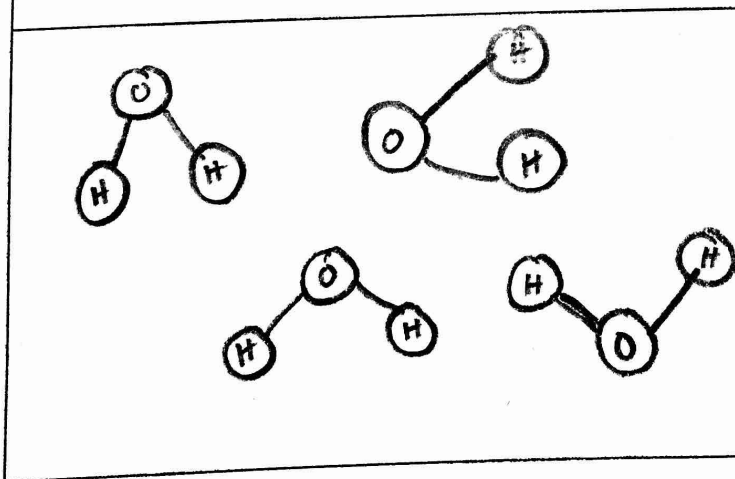


Element - pure substance that contains only ONE type of ATOM.



Compound - Pure substance that contains only one type of molecule made of 2 or more different elements chemically combined.

Mixture - Not a pure substance, contain 2 or more types of molecules or elements NOT chemically combined.



NAME \_\_\_\_\_

# Elements, Compounds and Mixtures 1

Each picture below is one of the following:

- ▶ ELEMENT (E)
- ▶ COMPOUND (C)
- ▶ MIXTURE (M)

Directions: Correctly label each picture for what it is representing. Remember, each shape symbolizes an element. If two different elements are connected, then that object symbolizes a compound.

1. M

2. E

3. M

4. M

5. C

6. E

7. M

8. M

9. C