

See the video  <https://youtu.be/oINaHLbd8zg>

Use your Periodic table to write the symbols of the following “pure” elements

Silicon	Barium
Carbon	Titanium
Copper	Gold
Chlorine	Mercury
Potassium	Aluminum
Boron	Oxygen

### Read

All elements are on the Periodic table—The are made of one kind of atom (example: Argon (Ar), the element 18 in the periodic table)

Compounds are made of two or more elements combined chemically (example:  $\text{H}_2\text{O}$ , pure water is made of 2 Hydrogen and 1 Oxygen combined chemically)

Determine which is an element or compound

- Au \_\_\_\_\_
- $\text{CaH}_2$  Calcium hydride \_\_\_\_\_
- Ga \_\_\_\_\_
- Cu \_\_\_\_\_
- $\text{H}_2\text{O}$  \_\_\_\_\_
- Rf \_\_\_\_\_
- $\text{H}_2\text{SO}_4$  (sulfuric acid) \_\_\_\_\_
- HCl (Hydrogen chloride) \_\_\_\_\_
- $\text{O}_2$  \_\_\_\_\_
- CO \_\_\_\_\_
- $\text{CO}_2$  \_\_\_\_\_

❖ How about Sea Water—it is a mixture of many compounds