

See the video  <https://youtu.be/olNaHLbd8zg>

I. Use the Periodic table to write the symbol of each “pure” elements

Example: Calcium the symbol is Ca	
1. Silicon	2. Barium
3. Carbon	4. Titanium
5. Copper	6. Gold
7. Chlorine	8. Mercury
9. Potassium	10. Aluminum
11. Boron	12. Oxygen

II. Read

Elements

All elements are located on the Periodic table—
They are made of one kind of atom
(Example: Nitrogen (N), is 7th element in the Periodic Table)

Compounds

Compounds are made of two or more elements combined chemically
(example: H₂O is made of Hydrogen and Oxygen, combined chemically)

Write element or compound

13. Au _____
14. CaH₂ Calcium hydride _____
15. Ga _____
16. Cu _____
17. H₂O _____

18. Rf _____
19. H_2SO_4 (sulfuric acid) _____
20. HCl (Hydrogen chloride) _____
21. O_2 _____
22. CO _____
23. CO_2 _____
24. How about Sea Water? —it is a mixture of many compounds

III. Final question

A **compound** H_2SO_4 (sulfuric acid) is made of 3 different elements:
H (hydrogen), **S** (Sulfur), and **O** (Oxygen)

25. How many different elements **Na H C O₃** (baking soda) is made of?

Bassett Middle School