

See the video 

<https://youtu.be/oINaHLbd8zg>

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 O_3 (baking soda) is made of?

Bassett Middle School