

Naming Simple Compounds

RULE #1 : When naming a compound that consists of a metallic element bonded to a non-metallic element. The rule is quite simple:

- The name of the metallic element comes first, this is followed by the name of the non-metallic element; however, the non-metallic element has its name changed to end in "IDE".

For example : CaBr_2 :

- We know that there is one Calcium atom and two Bromine atoms for every molecule.
- Because this compound is simply made of a metal and a non-metal we use "RULE #1"
- Therefore the proper name of this compound is "Calcium Bromide"

Now work on these:

1. RbCl = RUBIDIUM CHLORIDE

2. FrAt = FRANCIUM ASTATIDE

3. KBr = POTASSIUM BROMIDE

4. NaCl = SODIUM CHLORIDE

5. AlF_3 = ALUMINUM FLUORIDE

6. RbF = RUBIDIUM FLUORIDE

7. CaBr_2 = CALCIUM BROMIDE

8. FrCl = FRANCIUM CHLORIDE

9. LiF = LITHIUM FLUORIDE

10. KI = POTASSIUM IODIDE

11. HCl = HYDROGEN CHLORIDE

12. Fe_2O_3 = IRON OXIDE

13. CsF = CESIUM FLUORIDE

14. BaO = BARIUM OXIDE

15. MgS = MAGNESIUM SULPHIDE

16. HI (and I don't mean Hello!) HYDROGEN IODIDE

17. LiCl = LITHIUM CHLORIDE

18. K_2S = POTASSIUM SULPHIDE

19. AgBr = SILVER BROMIDE

20. Be_3P_2 = BERYLLIUM PHOSPHIDE

21. MgTe = MAGNESIUM TELLURIDE

22. ScP = SCANDIUM PHOSPHIDE

23. Li_2Se = LITHIUM SELENIDE

24. RaO = RADIUM OXIDE

25. ZnSe = ZINC SELENIDE