

BINARY COVALENT COMPOUNDS

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Binary:

Covalent:

Compounds:



BINARY COVALENT COMPOUNDS

Prefix:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

BINARY COVALENT COMPOUNDS

Naming Rules:

- First Element:

- Second Element:

- Example: H_2O

BINARY COVALENT COMPOUNDS

a. NO _____

b. N₂O _____

c. NO₂ _____

d. P₂O₃ _____

e. P₂O₅ _____

f. SF₆ _____

BINARY COVALENT COMPOUNDS

Writing Formulas:

- Do **NOT** use the crossover method
- The prefix is the subscript for the element is attached to
- Example: Dichlorine octaoxide

BINARY COVALENT COMPOUNDS

a. Nitrogen Tribromide _____

b. Hexaboron Monosilicide _____

c. Chlorine Dioxide _____

d. Iodine Pentafluoride _____

e. Diphosphorus Pentoxide _____

f. Disulfur triiodide _____



BINARY COVALENT COMPOUNDS

Diatomic Element:



BINARY COVALENT COMPOUNDS

Diatomic Elements:

a. Br_2 _____ e. H_2 _____

b. I_2 _____ f. O_2 _____

c. N_2 _____ g. F_2 _____

d. Cl_2 _____

