

Covalent compounds- consist of nonmetal only.**If chemical formula starts with H- it's an acid: find its name or formula in the Acids List.****Exception:** H₂O and H₂O₂.**If chemical formula consist of 2 nonmetals only- use the following naming rules.****Ex:** name the following compound -H₂O₂

(a) name the first element- unchanged name from PT - hydrogen

(b) for the second element, take **its root** and add ending **-ide** - **oxide**

(c) add prefixes which will show how many atoms of each element are here in a compound

Answer: **dihydrogen dioxide**Write the names for each of the following covalent compounds.

- (1) NO - nitrogen monoxide (2) HNO₃ - nitric acid
- (3) H₃PO₄ _____ (4) N₂O₃ _____
- (5) SiO₂ _____ (6) N₂O₅ _____
- (7) HNO₂ _____ (8) HBr _____
- (9) C₄H₈ _____ (10) H₂SO₃ _____
- (11) CCl₄ _____ (12) HC₂H₃O₂ _____
- (13) HClO₄ _____ (14) HClO₃ _____
- (15) H₂SO₄ _____ (16) H₂S _____
- (17) HI _____ (18) H₂O₂ _____
- (19) Cl₃F _____ (20) N₂H₄ _____
- (21) Cl₂O₇ _____ (22) HCl _____
- (23) NH₃ _____ (24) H₂SiO₄ _____
- (25) Cl₂O₅ _____ (26) PCl₃ _____
- (27) HF _____ (28) Cl₂O _____
- (29) CS₂ _____ (30) H₂CO₃ _____
- (31) SF₄ _____ (32) SiC _____
- (33) P₂S₃ _____ (34) F₂O₅ _____