

Even More Practice Writing Names for Chemical Compounds

Part 1: Simple Binary Compounds

Write the names for the following binary compounds.

1. BeF_2
2. NaI
3. AlBr_3
4. Ra_3N_2
5. K_2S
6. SrO
7. BaCl_2
8. Li_2O
9. Na_2S
10. Ag_2Se
11. CO_2
12. Cl_2O_7
13. Zn_3P_2
14. N_2O_5
15. ICl_3

Part 2: Compounds with Polyatomic Ions

Write the correct names for each of the following compounds.

1. NH_4Cl
2. Na_2SO_4
3. KNO_3
4. $\text{NaC}_2\text{H}_3\text{O}_2$
5. $\text{Mg}(\text{OH})_2$
6. $\text{Al}(\text{NO}_2)_3$
7. CaSO_4
8. $(\text{NH}_4)_2\text{CO}_3$
9. $\text{Rb}_2\text{Cr}_2\text{O}_7$
10. NaClO_4
11. H_2O_2
12. CaSO_3
13. $\text{Zn}(\text{C}_2\text{H}_3\text{O}_2)_2$
14. K_2CrO_4
15. $\text{Ca}_3(\text{PO}_4)_2$

Part 3: Compounds with Type II Cations

Write the names for the following compounds.

1. NiF_2
2. NiF_3
3. $\text{Cu}(\text{ClO})_2$
4. $\text{Pb}(\text{C}_2\text{H}_3\text{O}_2)_4$
5. Fe_2S_3
6. CrO
7. Hg_2Cl_2
8. $\text{Mn}(\text{SO}_4)_2$
9. $\text{Cr}(\text{SO}_2)_3$
10. CoCr_2O_7