

Write the symbols and charges of the following ions:

1. Magnesium _____
2. Manganese (II) _____
3. Aluminum _____
4. Zinc _____
5. Chromium (III) _____
6. Carbide _____
7. Fluoride _____
8. Acetate _____
9. Phosphate _____
10. Nitrate _____

Write the formulas for the following compounds:

1. Zinc chloride _____
2. Lead (IV) oxide _____
3. Silver bromide _____
4. Sodium phosphate _____
5. Magnesium sulfide _____
6. Cobalt (II) fluoride _____
7. Barium oxide _____
8. Calcium phosphide _____
9. Copper (II) cyanide _____
10. Hydrogen selenide _____
11. Copper (I) nitride _____
12. Nickel (II) acetate _____
13. Potassium sulfate _____
14. Nickel (II) oxalate _____
15. Gallium (III) acetate _____
16. Ammonium chloride _____

Name the following compounds:

1. $\text{Pb}_3(\text{PO}_4)_2$ _____
2. $\text{Cu}(\text{IO}_3)_2$ _____
3. Cr_2O_3 _____
4. $\text{Bi}_2(\text{SO}_4)_3$ _____
5. RbNO_3 _____
6. CaTe _____
7. CrI_2 _____
8. AgNO_3 _____
9. CuSO_4 _____
10. NaCl _____
11. CsClO _____
12. $\text{Th}(\text{OH})_4$ _____