Chemical Formula Practice

**Set 1**

Write the names of the compounds listed below.

1. FeCl3 Iron (III) Chloride
2. AgNO3 Silver nitrate
3. Pb(OH)2 Lead (II) hydroxide
4. Al2O3 Aluminium oxide
5. K3PO4 Potassium phosphate
6. Na2SO4 Sodium sulfate
7. Ca(NO3)2 Calcium nitrate
8. CuSO4 Copper sulfate

Write the formulas of the compounds listed below.

1. Calcium hydroxide Ca(OH)2
2. Silver sulphate Ag2SO4
3. Calcium chloride CaCl2
4. Magnesium phosphate Mg3(PO4)2
5. Barium nitrate Ba(NO3)2
6. Hydrogen chloride HCl
7. Zinc oxide ZnO
8. Sodium chloride NaCl
9. Silver oxide Ag2O
10. Copper (II) carbonate CuCO3
11. Iron (III) nitrate Fe(NO3)3
12. Sodium sulphate Na2SO4

**Set 2**

Write the names of the compounds listed below.

1. FeI3 Iron (III) iodide
2. AgNO3 Silver nitrate
3. CuCO3 Copper (II) carbonate
4. K2S Potassium sulfide
5. BaSO4 Barium sulfate
6. FeO Iron (II) oxide
7. Al2S3  Aluminium sulfide
8. SnCl4 Tin (IV) chloride

Write the formulas of the compounds listed below.

1. Magnesium carbonate MgCO3
2. Zinc iodide ZnI2
3. Aluminium chloride AlCl3
4. Magnesium hydroxide Mg(OH)2
5. Calcium phosphate Ca3(PO4)2
6. Sodium sulphate Na2SO4
7. Iron (III) sulphate Fe2(SO4)3
8. Barium oxide BaO
9. Potassium chloride KCl
10. Silver oxide Ag2O
11. Sodium phosphate Na3PO4
12. Tin (II) chloride SnCl2

**Set 3**

Write the names of the compounds listed below.

1. Fe3(PO4)2 Iron (II) phosphate
2. CaCO3  Calcium carbonate
3. CuCl2 Copper (II) chloride
4. NaOH Sodium hydroxide
5. Ag2S Silver sulfide
6. Ba(NO3)2 Barium nitrate
7. AlCl3 Aluminium chloride
8. MgSO4 Magnesium sulfate

Write the formulas of the compounds listed below.

1. Aluminium phosphate AlPO4
2. Iron (III) sulphide Fe2S3
3. Barium nitrate Ba(NO3)2
4. Lead (IV) sulphate Pb(SO4)2
5. Sodium carbonate Na2CO3
6. Aluminium iodide AlI3
7. Sodium oxide Na2O
8. Silver carbonate Ag2CO3
9. Zinc nitrate Zn(NO3)2
10. Calcium hydroxide Ca(OH)2
11. Nickel carbonate NiCO3
12. Mercury (I) oxide Hg2O