

NAMES TO FORMULAS

Key

Write the formulas for the following compounds.

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|----------------------------|---|------------------------------|---|
| 1. mercury (I) oxide | <u>Hg₂O</u> | 26) copper (I) oxide | <u>Cu₂O</u> |
| 2. iron (III) chlorate | <u>Fe(ClO₃)₃</u> | 27) aluminum sulphate | <u>Al₂(SO₄)₃</u> |
| 3. copper (II) carbonate | <u>CuCO₃</u> | 28) mercury (I) sulphate | <u>Hg₂SO₄</u> |
| 4) manganese(IV) sulphide | <u>MnS₂</u> | 29) mercury (II) chlorate | <u>Hg(ClO₃)₂</u> |
| 5) potassium nitrate | <u>KNO₃</u> | 30) silver chlorate | <u>AgClO₃</u> |
| 6) mercury (II) chloride | <u>HgCl₂</u> | 31) silver phosphate | <u>Ag₃PO₄</u> |
| 7) copper (I) phosphate | <u>Cu₃PO₄</u> | 32) copper (II) chloride | <u>CuCl₂</u> |
| 8) mercury (II) phosphate | <u>Hg₃(PO₄)₂</u> | 33) aluminum chlorate | <u>Al(ClO₃)₃</u> |
| 9) potassium carbonate | <u>K₂CO₃</u> | 34) mercury (I) sulphide | <u>Hg₂S</u> |
| 10) iron (III) nitrate | <u>Fe(NO₃)₃</u> | 35) silver sulphide | <u>Ag₂S</u> |
| 11) silver sulphate | <u>Ag₂SO₄</u> | 36) iron (III) sulphate | <u>Fe₂(SO₄)₃</u> |
| 12) mercury (II) hydroxide | <u>Hg(OH)₂</u> | 37) copper (I) sulphate | <u>Cu₂SO₄</u> |
| 13) copper (II) chlorate | <u>Cu(ClO₃)₂</u> | 38) manganese (IV) carbonate | <u>Mn(CO₃)₂</u> |
| 14) iron (II) hydroxide | <u>Fe(OH)₂</u> | 39) potassium oxide | <u>K₂O</u> |
| 15) iron (II) carbonate | <u>FeCO₃</u> | 40) potassium hydroxide | <u>KOH</u> |
| 16) mercury (I) chlorate | <u>HgClO₃</u> | 41) copper (II) nitrate | <u>Cu(NO₃)₂</u> |
| 17) mercury (II) nitrate | <u>Hg(NO₃)₂</u> | 42) iron (III) hydroxide | <u>Fe(OH)₃</u> |
| 18) aluminum chloride | <u>AlCl₃</u> | 43) copper (II) hydroxide | <u>Cu(OH)₂</u> |
| 19) copper (II) carbonate | <u>CuCO₃</u> | 44) manganese(II) chlorate | <u>Mn(ClO₃)₂</u> |
| 20) potassium sulphate | <u>K₂SO₄</u> | 45) silver carbonate | <u>Ag₂CO₃</u> |
| 21) copper (I) nitrate | <u>CuNO₃</u> | 46) mercury (II) carbonate | <u>HgCO₃</u> |
| 22) iron (II) phosphate | <u>Fe₃(PO₄)₂</u> | 47) iron (II) nitrate | <u>Fe(NO₃)₂</u> |
| 23) copper (I) chlorate | <u>CuClO₃</u> | 48) mercury (I) carbonate | <u>Hg₂CO₃</u> |
| 24) mercury (I) hydroxide | <u>HgOH</u> | 49) iron (III) carbonate | <u>Fe₂(CO₃)₃</u> |
| 25) iron (III) sulphide | <u>Fe₂S₃</u> | 50) mercury (I) nitrate | <u>HgNO₃</u> |

FORMULAS TO NAMES

Write the names.

1) NaNO_3	<u>Sodium Nitrate</u>	26) CuClO_3	<u>Copper (I) Chlorate</u>
2) CO_2	<u>Carbon Dioxide</u>	27) NH_4OH	<u>Ammonium Hydroxide</u>
3) $\text{Fe}_2(\text{SO}_4)_3$	<u>Iron (III) Sulphate</u>	28) H_2CO_3	<u>Hydrogen Carbonate</u>
4) NaCl	<u>Sodium Chloride</u>	29) HgSO_4	<u>Mercury (II) Sulphate</u>
5) NH_4NO_3	<u>Ammonium Nitrate</u>	30) $\text{Al}(\text{ClO}_3)_3$	<u>Aluminum Chlorate</u>
6) CaCl_2	<u>Calcium Chloride</u>	31) FeO	<u>Iron (II) Oxide</u>
7) FeCl_2	<u>Iron (II) Chloride</u>	32) $\text{Cu}_3(\text{PO}_4)_2$	<u>Copper (II) Phosphate</u>
8) K_2O	<u>Potassium Oxide</u>	33) MgSO_4	<u>Magnesium Sulphate</u>
9) $\text{Mg}(\text{HSO}_4)_2$	<u>Magnesium Bisulphate</u>	34) KNO_3	<u>Potassium Nitrate</u>
10) Hg_2CO_3	<u>Mercury (I) Carbonate</u>	35) Hg_2S	<u>Mercury (I) Sulphide</u>
11) Ag_3PO_4	<u>Silver Phosphate</u>	36) AgNO_3	<u>Silver Nitrate</u>
12) HgCl_2	<u>Mercury (II) Chloride</u>	37) $\text{Cu}(\text{ClO}_3)_2$	<u>Copper (II) Chlorate</u>
13) NaHCO_3	<u>Sodium bicarbonate</u>	38) Na_3PO_4	<u>Sodium Phosphate</u>
14) FeSO_4	<u>Iron (II) Sulphate</u>	39) $\text{Zn}(\text{ClO}_3)_2$	<u>Zinc Chlorate</u>
15) CS_2	<u>Carbon Sulphide</u>	40) FeCl_3	<u>Iron (III) Chloride</u>
16) $\text{Cu}(\text{OH})_2$	<u>Copper (II) Hydroxide</u>	41) Cu_2SO_4	<u>Copper (I) Sulphate</u>
17) $\text{Ca}(\text{OH})_2$	<u>Calcium Hydroxide</u>	42) $(\text{NH}_4)_2\text{CO}_3$	<u>Ammonium Carbonate</u>
18) $\text{Al}_2(\text{SO}_4)_3$	<u>Aluminum Sulphate</u>	43) $\text{Fe}_2(\text{CO}_3)_3$	<u>Iron (III) Carbonate</u>
19) HgS	<u>Mercury (II) Sulphide</u>	44) $\text{Hg}(\text{NO}_3)_2$	<u>Mercury (II) Nitrate</u>
20) $\text{Zn}_3(\text{PO}_4)_2$	<u>Zinc Phosphate</u>	45) NH_4Cl	<u>Ammonium Chloride</u>
21) CaO	<u>Calcium Oxide</u>	46) Cu_3PO_4	<u>Copper (I) Phosphate</u>
22) Hg_2SO_4	<u>Mercury (I) Sulphate</u>	47) MnO_2	<u>Manganese (IV) Oxide</u>
23) CaCO_3	<u>Calcium Carbonate</u>	48) Fe_2O_3	<u>Iron (III) Oxide</u>
24) ZnS	<u>Zinc Sulphide</u>	49) HNO_3	<u>Hydrogen Nitrate (Nitric Acid)</u>
25) CuOH	<u>Copper (I) Hydroxide</u>	50) HgCO_3	<u>Mercury (II) Carbonate</u>