

# Chemical Formula and Names Worksheet 45

Match each name in the name list with the correct formula from the formula list.

## NAME LIST

- |                                  |                           |
|----------------------------------|---------------------------|
| (1) sodium nitrite               | (16) magnesium oxide      |
| (2) copper (II)oxide             | (17) potassium sulphate   |
| (3) sodium iodide                | (18) magnesium nitride    |
| (4) sulfur dioxide               | (19) sodium nitrate       |
| (5) hydrogen sulfide             | (20) carbon tetrachloride |
| (6) magnesium phosphate          | (21) potassium sulphite   |
| (7) potassium hydrogen carbonate | (22) calcium chloride     |
| (8) iron(III) chloride           | (23) sodium sulphide      |
| (9) sulphur trioxide             | (24) sodium iodate        |
| (10) iron(II) sulphide           | (25) iron (III) oxide     |
| (11) magnesium hydroxide         | (26) magnesium nitrate    |
| (12) sodium bisulphate           | (27) sodium sulphate      |
| (13) potassium carbonate         | (28) ammonium hydroxide   |
| (14) carbon monoxide             | (29) iron(II) sulphate    |
| (15) magnesium hydride           | (30) carbon dioxide       |

## FORMULA LIST

- |                                   |                      |   |                                  |
|-----------------------------------|----------------------|---|----------------------------------|
| — FeS                             | — MgO                | — K <sub>2</sub> SO <sub>4</sub>                  | — CCl <sub>4</sub>               |
| — CaCl <sub>2</sub>               | — NH <sub>4</sub> OH | — Mg(NO <sub>3</sub> ) <sub>2</sub>               | — SO <sub>2</sub>                |
| — CO <sub>2</sub>                 | — NaNO <sub>3</sub>  | — Mg <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub> | — Na <sub>2</sub> S              |
| — Na <sub>2</sub> SO <sub>4</sub> | — NaIO <sub>3</sub>  | — Mg(OH) <sub>2</sub>                             | — MgH <sub>2</sub>               |
| — FeCl <sub>3</sub>               | — CO                 | — NaHSO <sub>4</sub>                              | — K <sub>2</sub> CO <sub>3</sub> |
| — NaI                             | — KHCO <sub>3</sub>  | — Fe <sub>2</sub> O <sub>3</sub>                  | — H <sub>2</sub> S               |
| — CuO                             | — FeSO <sub>4</sub>  | — Mg <sub>3</sub> N <sub>2</sub>                  |                                  |
| — K <sub>2</sub> SO <sub>3</sub>  | — NaNO <sub>2</sub>  | — SO <sub>3</sub>                                 |                                  |

Complete this table:

Name	Elements present	Formula
sodium chloride	Sodium & Chlorine	NaCl
potassium oxide		
		KCl
	Potassium & Fluorine	
		Na <sub>2</sub> O
	Sodium & carbon & oxygen	
potassium sulphide		
potassium hydroxide		
		NaOH