

Elements and Compounds

Part 1: Word Equations

Complete the following word equations by selecting the right answers from the drop-down lists.

- a) lithium + chlorine →
- b) aluminium + → aluminium oxide
- c) zinc + sulfur →
- d) copper + sulfur + oxygen →
- e) potassium + + oxygen → potassium nitrate
- f) magnesium + phosphorus + → magnesium phosphate
- g) copper + → copper oxide
- h) silver + chlorine →
- i) + oxygen → titanium oxide
- j) calcium + sulfur + → calcium sulfate

Part 2: Elements and Compounds

Complete each row of the table below by typing the elements contained in each of the compounds or to give the name of the compound containing the elements that have been listed.

| Name of compound | First element | Second element |
|--------------------|---------------|----------------|
| Magnesium oxide | | |
| Potassium chloride | | |
| Iron sulfide | | |
| Calcium nitride | | |
| Sodium phosphide | | |
| | Aluminium | Oxygen |
| | Lithium | Chlorine |
| | Lead | Iodine |
| | Boron | Nitrogen |
| | Hydrogen | Oxygen |