



Subject: Chemistry

Name:

Worksheet: Naming compounds

Date:

Grade-Section: 6CS

Activity 1: Name the compounds produced by the reactions of element 1 and element 2.

Element 1	Element 2	Name of compound
Iron	Sulfur	Iron sulfide
Magnesium	Nitrogen	Magnesium nitride
Sodium	Chlorine	Sodium chloride
Potassium	Oxygen	Potassium Oxide
Aluminum	Chlorine	Aluminum chloride
Copper	Oxygen	Copper oxide
Lithium	Nitrogen	Lithium nitride

Activity 2: Name the compounds produced by the reactions of element 1, element 2 and element 3.

Element 1	Element 2	Element 3	Name of the compound
Nickel	Sulfur	Oxygen	Nickel sulfate
Magnesium	Nitrogen	Oxygen	Magnesium nitrate
Sodium	Nitrogen	Oxygen	Sodium nitrate
Copper	Sulfur	Oxygen	Copper sulfate
Aluminum	Bromine	Oxygen	Aluminum bromate





Activity 3: Name the elements that make up these compounds.

Name of the compound	Element 1	Element 2
Zinc oxide	Zinc	Oxygen
Sodium chloride	Sodium	Chlorine
Iron sulfide	Iron	Sulfur
Copper iodide	Copper	Iodine
Silver bromide	Silver	Bromine

Activity 4: Fill in the tables below:

Name of the compound	Made up of
Magnesium sulfate	Magnesium, sulfur and oxygen
Aluminum nitrate	Aluminum, nitrogen and oxygen
sodium carbonate	sodium, carbon and oxygen

Elements	React to make
Sodium and iodine	Sodium iodide
Calcium, carbon and oxygen	Calcium carbonate
Calcium, phosphorus and oxygen	Calcium phosphate
Potassium, chlorine and oxygen	Potassium chlorate

Molecule of compound made up of...	Name of compound
1 atom of sulfur and 2 atoms of oxygen	Sulfur dioxide
1 atom of phosphorus and 3 atoms of chlorine	Phosphorous trichloride
2 atoms of nitrogen and 4 atoms of oxygen	Dinitrogen tetroxide
1 atom of carbon and 2 atoms of sulfur	carbon disulfide

