

Homework 1 – Naming Compounds and Valency

1) Write the formula for the following compounds, showing your working.

- a) Sodium chloride
- b) Calcium iodide
- c) Potassium oxide
- d) Barium phosphide
- e) Aluminium sulphide
- f) Carbon tetrabromide
- g) Dinitrogen tetroxide

2) When the following elements react, name the compound they form:

- a) iron and sulfur
- b) zinc, sulfur and oxygen
- c) magnesium and chlorine
- d) lead, carbon and oxygen

3) Which elements are found in:

- a) aluminium sulphide
- b) magnesium nitrate
- c) hydrogen chloride
- d) lithium sulfate

National 5 Extension

1) Write the formula for the following compounds, showing your working.

- a) Iron(III) fluoride
- b) Lead(II) bromide
- c) Manganese (III) oxide