

IONS Test 1

- 1 Complete the table to give the formula of the ion formed by the various atoms. The first one has been done for you: [5]

O	Cl	Ba	Br	Cs	N
O^{2-}					

- 2 Give the formula of the following ions. The first one has been done for you. [3]

Nitrate NO_3^- Sulfate

Hydroxide Ammonium

- 3 Give the formulae of the following ionic compounds. [12]

Magnesium chloride Ammonium sulfate

Sodium sulfide Lead bromide

Potassium oxide Iron(III) Chloride

Silver nitrate Zinc iodide

Potassium carbonate Aluminium oxide

Copper(II) hydroxide Lithium nitride

- 4 Fill in the gaps in the following sentences: [4]

Ions are particles formed when atoms or gain
 Metal atoms form ions.

- 5 The word **isoelectronic** means [1]