

Exercise 7.1 Nomenclature of Ionic Compounds

1. Name each of the following compounds:

(a) Li_3N (b) AlBr_3

(c) NaF (d) BeO

2. Give the formula for each of the following compounds:

(a) magnesium fluoride (b) potassium sulfide

(c) calcium nitride (d) aluminium oxide

3. Name each of the following compounds:

(a) CuI (b) CuS

(c) VCl_3 (d) NiF_2

4. Give the formula for each of the following compounds:

(a) iron (III) chloride (b) titanium(III) nitride

(c) cobalt (III) oxide (d) manganese(II) sulfide