

Naming Ionic Compounds WS

1. Write the formulas for the following compounds.

- (a) magnesium oxide MgO
(b) sodium fluoride NaF
(c) aluminium nitride AlN
(d) potassium sulfide K_2S
(e) lithium iodide LiI
(f) calcium bromide $CaBr_2$
(g) beryllium oxide BeO
(h) nickel (II) chloride $NiCl_2$
(i) magnesium nitride Mg_3N_2
(j) aluminium sulfite $Al_2(SO_3)_3$
(k) copper(I) bromide $CuBr$
(l) tin(II) iodide SnI_2
(m) iron(III) chloride $FeCl_3$
(n) calcium phosphate $Ca_3(PO_4)_2$
(o) lead(II) oxide PbO
(p) lead(IV) fluoride PbF_4
(q) tin(IV) bromide $SnBr_4$
(r) copper(II) sulfide CuS
(s) iron(II) oxide FeO
(t) calcium nitrate $Ca(NO_3)_2$

2. Write the names for the following compounds.

- (a) Li_2O lithium oxide
(b) $AlCl_3$ aluminium chloride
(c) MgS magnesium sulfide
(d) $Ca(NO_3)_2$ calcium nitrate
(e) KBr potassium bromide
(f) BeF_2 beryllium fluoride
(g) Na_3N sodium nitride
(h) Al_2O_3 aluminum oxide
(i) $CuCl_2$ copper (II) chloride
(j) $FeBr_3$ iron (III) bromide
(k) $PbSO_3$ lead (II) sulfite
(l) SnO_2 tin (IV) oxide
(m) Na_2S sodium sulfide
(n) Mg_3P_2 magnesium phosphide
(o) NiO nickel (II) oxide
(p) CuI copper (I) iodide
(q) $PbCl_4$ lead (IV) chloride
(r) FeP iron (III) phosphide
(s) CaF_2 calcium fluoride
(t) K_3PO_4 potassium phosphate