

## Answer Key - Writing and Naming Formulas

A.

1.  $NaCl$  sodium chloride
2.  $KClO_3$  potassium chlorate
3.  $ZnSO_4$  zinc sulphate
4.  $AlCl_3$  aluminum chloride
5.  $Fe(ClO_3)_3$  iron(III) chlorate OR ferric chlorate
6.  $(NH_4)_2SO_4$  ammonium sulphate
7.  $Cu(NO_3)_2$  copper(II) nitrate OR cupric nitrate
8.  $Fe(CH_3COO)_2$  iron (II) acetate OR ferrous acetate
9.  $Ba(OH)_2$  barium hydroxide
10.  $H_2SO_4$  hydrogen sulphate or sulphuric acid
11.  $H_2O$  water

B.

1.  $NF_3$
2.  $NH_{3(g)}$
3.  $AlBr_3$
4.  $Sn(CrO_4)_2$
5.  $Ag_3PO_4$
6.  $Ca(OH)_2$
7.  $Pb(NO_3)_2$
8.  $Sr(ClO)_2$
9.  $MgCO_3$
10.  $Ag_2CrO_4$
11.  $Li_2SO_4$
12.  $N_2O$
13.  $H_{2(g)}$
14.  $NaHCO_3$
15.  $Mg_3(PO_4)_2$
16.  $P_2O_5$
17.  $Ca(HSO_4)_2$
18.  $MnO$
19.  $Na_2O$
20.  $CaCl_2$

C.

1. sodium carbonate
2. aluminum oxide
3. calcium nitrite
4. ammonium oxide
5. neon gas
6. carbon monoxide
7. hydrogen phosphate
8. sodium sulphite
9. ammonium ion
10. silver chlorite