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Answer 1A) If XCl2 then X should be a metal with valency 2

Therefore

(1) Sulphate formula : XSO4

(2) Hydroxide formula : X(OH)2

Answer 1B) XN is nitride X is a valency 3 metal as nitrogen has valency 3

Therefore Sulphate's formula would be X2(SO4)3 and Hydroxide formula would be X(OH)3

Answer 1C) valency of Nitrogen in :

1) NO : +2

2) N2O : +1

3) NO2 : +4

Answer 2B) The eight metals showing variable valency

1) Iron(Fe) : +2,+3

2) Copper(Cu) : +1 , +2

3) Mercury(Hg) : +1, +2

4) Tin(Hn) : +2 , +4

5) Lead(Pb) : +2 , +4

6) Gold(Au) : +1,+3

7) Chromium(Cr) : +2,+3,+6

8) Manganese(Mn) : +2,+3,+4,+6,+7

Answer 2C) Examples of Chemical Equations :

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(a) One product: 2H2 + O2 $\rightarrow$ 2H2O

(b) Two Products: CaCO3 $\rightarrow$ Cao + CO2 + Scribble (Unknown symbol)

(c) Three Products: $4HNO_3 \rightarrow 2H_2O + 4NO_2 + O_2$

(d) Four Products: $2KClO_3 \rightarrow 2KCl + 2O_2 + O_2$ + Scribble (Unknown symbol)

Answer 2D)