Transition Metals and Polyatomic Ions Worksheet- Ionic Compounds

Write the charges on the following Elements after they become cations or anions:

NH4 AsO4 PO4 ClO

SO3 Zn MnO4 Cr

Ni SO4 Mn N03

Pb CrO4 HCO3 ClO2

Create a neutral compound with the following elements:

Zn + SO4 Al + C2H3O2 K + PO3

K + OH Mg + N O2 NH4 + Se

Mg + C6H5O7 Ca + ClO3 Cs + HPO4

Zn + PO4 NH4 + Cr2O7 Ag + AsO4

Find the charge on the transition metal in the following compounds:

Cu2O Cr3P2 CoF3

Fe2N3 SnO2 HgCl

Ni3(PO3)2 Sn(ClO2)2 Mn(HCO3)3