Types of Chemical Reactions Worksheet 3
Answer Key

Balance the equations and mention the type of chemical reaction involved.

1) $2\ Mg + O_2 \rightarrow 2\ MgO$ Combination/Synthesis

2) $CF_4 + 2\ Br_2 \rightarrow CBr_4 + 2\ F_2$ Displacement

3) $MgCl_2 + Li_2O_3 \rightarrow MgCO_3 + 2\ LiCl$ Double Displacement

4) $Zn + CuSO_4 \rightarrow ZnSO_4 + Cu$ Displacement

5) $2\ CuCl \rightarrow 2\ Cu + Cl_2$ Decomposition

6) $Pb + FeSO_4 \rightarrow PbSO_4 + Fe$ Displacement

7) $2\ FeCl_2 + Cl_2 \rightarrow 2\ FeCl_3$ Combination/Synthesis

8) $BaCl_2 + Na_2SO_4 \rightarrow 2\ NaCl + BaSO_4$ Double Displacement

9) $2\ K + F_2 \rightarrow 2\ KF$ Combination/Synthesis

10) $CuCO_3 \rightarrow CuO + CO_2$ Decomposition

11) $2\ Al + 3\ FeO \rightarrow Al_2O_3 + 3\ Fe$ Displacement

12) $6AgI + Fe_2(CO_3)_3 \rightarrow 2FeI_3 + 3\ Ag_2CO_3$ Double Displacement