Reaction Types
Practice Problems

$Cu + S \rightarrow CuS$ combination

$Mg + N_2 \rightarrow Mg_3N_2$ combination

$HBr \rightarrow H_2 + Br_2$ decomposition

$NaCl \rightarrow Na + Cl_2$ decomposition

$Zn + Cu(NO_3)_2 \rightarrow Cu + Zn(NO_3)_2$ single-replacement

$Cl_2 + NaBr \rightarrow Br_2 + NaCl$ single-replacement

$Ca(OH)_2 + HCl \rightarrow CaCl_2 + HOH$ double-replacement

$FeS + HCl \rightarrow FeCl_2 + H_2S$ double-replacement

$C_7H_{16} + O_2 \rightarrow CO_2 + H_2O$ combustion

$Li + O_2 \rightarrow Li_2O$ combustion or combination