|  |  |  |  |
| --- | --- | --- | --- |
| 2Sb + 3Cl2 → 2SbCl3 | 2Mg + O2 → 2MgO | N2 + 3H2 →  2NH3 | Sn + 2Cl2 → SnCl4 |
| CH4 + 2O2 →  CO2 + 2H2O | 5O2 + C3H8 →  4H2O + CO2 | 2C8H18 + 25O2 → 16CO2 + 18H2O | 7O2 + 2C2H6 →  6H2O + 4CO2 |
| CaCl2 →  Ca + Cl2 | Mg3N2 →  3Mg + N2 | 2HgO →  2Hg + O2 | P4O6 →  4P + 3O2 |
| Fe + 2HCl →  FeCl2 + H2 | MgBr2 + Cl2 →  MgCl2 + Br2 | SnO2 + 2C →  Sn + 2CO | 2NaBr + Cl2 →  2NaCl + Br2 |
| 2NaBr + CaF2 →  2NaF + CaBr2 | CuCl2 + H2S →  CuS + 2HCl | Ag2S + CuCl2 →  2AgCl + CuS | CuS + KCl →  CuCl2 + K2S |