|  |  |  |  |
| --- | --- | --- | --- |
| S Synthesis | SR Cl2 + 2Na 🡪 2NaCl | D AB 🡪 A + B | D Cu(OH)2 🡪 CuO + H2O |
| DR KCl + AgNO3 🡪 KNO3 + AgCl | D THE TOY FALLS APART | S 2Zn + O2 🡪 2ZnO | DR AB + CD 🡪 AD + CB |
| C Hydrocarbon + O2 🡪 H2O + CO2 | SR Fe + CuSO4 🡪 FeSO4 + Cu | DR Double Displacement | SR 2Al + 3CuCl2 🡪 2AlCl3 + 3Cu |
| D  2H2O2 🡪 2H2O + O2 | C  Combustion | C  C3H8 + 3O2 🡪 3CO2 + 4H2O | S  PARTS FIT TOGETHER TO MAKE A WHOLE |
| DR AT A DANCE, TWO COUPLES SWITCH PARTNERS | D 2KBr 🡪 2K + Br2 | S A + B 🡪 AB | D 2NaClO3 🡪 2NaCl + 3O2 |
| DR CuO + H2SO4 🡪 CuSO4 + H2O | SR SUZY RIDES WITH BILL & SALLY TO A DANCE. SUZY DANCES WITH BILL. SALLY DOESN’T DANCE | SR Zn + Cu(NO3)2 🡪 Cu + Zn(NO3)2 | D  Decomposition |
| SR Single Displacement | S N2 + 3H2 🡪 2NH3 | C O2 COMBINES WITH A HYDROCARBON AND YIELDS CO2 AND H2O | DR MgCl2 + 2AgNO3 🡪 Mg(NO3)2 + 2AgCl |
| S  2H2 + O2 🡪 2H2O | SR  A + BC 🡪 B + AC | D  CaCO3 🡪 CaO + CO2 | S  H2 + 2Cl 🡪 2HCl |