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| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **1** |  **CH4 (g) + O2 (g) → CO2 (g) + H2O (g)** |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **2** |  **HCl (aq) + NH4OH (aq) → NH4Cl (aq) + H2O (l)** |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **3** |  **C2H6 (g) + O2 (g) → CO2 (g) + H2O (g)** |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **4** |  **Zn (s) + HCl (aq) → ZnCl2 (aq) + H2 (g)** |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **5** |  **Mg (s) + O2 (g) → MgO (s)** |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **6** |  **C4H10 (g) + O2 (g) → CO2 (g) + H2O (g)** |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **7** |  **Mg (s) + Sn(NO3)2 (aq) → Mg(NO3)2 (aq) + Sn (s)** |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **8** |  **CaCO3 (s) → CO2 (g) + CaO (s)** |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **9** |  **N2 (g) + H2 (g) → NH3 (g)** |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **10** |  **C6H12O6 (s) → C (s) + H2O (g)** |  |

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| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **11** |  **AgNO3 (aq) + MgCl2 (aq) → AgCl (s) + Mg(NO3)2 (aq)** |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **12** |  **BaO(s) + H2O (l) → Ba(OH)2 (aq)** |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **13** |  **Sr(ClO3)2 (aq) + Na2SO4 (aq) → SrSO4 (s) + NaClO3 (aq)** |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **14** |  **F2 (g) + KCl (aq) → KF (aq) + Cl2 (g)** |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **15** |  **NaOH (aq) + HC2H3O2 (aq) → Na C2H3O2 (aq) + H2O (g)** |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **16** |  **Na (s) + H2O (l) → NaOH (aq) + H2 (g)** |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **17** |  **C3H8 (g) + O2 (g) → CO2 (g) + H2O (g)** |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **18** |  **Cl2 (g) + BaI2 (aq) → BaCl2 (aq) + I2 (g)** |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **19** |  **K2CO3 (s) → K2O (s) + CO2 (g)**  |  |
| **NUMBER** | **BALANCED EQUATION** | **RXN TYPE** |
| **20** |  **Al (s) + O2 (g) → Al2O3 (s)** |  |