**Name: Period: Seat#:**

**Worksheet #2**

**Balance and identify the type of reaction:**

|  |  |
| --- | --- |
| 1. \_\_\_\_C4H8 +\_\_\_\_O2 \_\_\_\_CO2 +\_\_\_\_H2O   Type: | 1. \_\_\_\_HCl +\_\_\_\_NaOH \_\_\_\_H2O +\_\_\_\_NaCl   Type: |
| 1. \_\_\_\_KNO3(s) \_\_\_\_KNO2(s) +\_\_\_\_O2 (g)   Type: | 1. \_\_\_\_AgNO3 +\_\_\_\_NaCl \_\_\_\_NaNO3 + \_\_\_\_AgCl   Type: |
| 1. \_\_\_\_Mg +\_\_\_\_O2 \_\_\_\_MgO   Type: | 1. \_\_\_\_Ag + \_\_\_\_S \_\_\_\_Ag2S   Type: |
| 1. \_\_\_\_MgCO3(s) \_\_\_\_MgO(s) +\_\_\_\_CO2 (g)   Type: | 1. \_\_\_\_Cl2 +\_\_\_\_KBr \_\_\_\_KCl +\_\_\_\_Br2   Type: |

**Write, balance, and identify type of reaction:**

|  |  |
| --- | --- |
| 1. Sodium oxide reacts with carbon dioxide to form sodium carbonate.     Type: | 1. Calcium metal reacts with water to form calcium hydroxide and hydrogen gas.     Type: |