**Chemical Reaction LAB DEMOS Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |
| --- | --- |
| **Reaction Type:** | **Word Equation and**  **Balanced Chemical Equation** |
| **Reaction 1**  type: \_\_\_\_\_\_\_\_\_    endo or exo? | methane + oxygen gas 🡪 carbon dioxide + water  \_\_\_\_\_\_ CH4 + \_\_\_\_\_\_\_\_\_ 🡪 \_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_\_ |
| **Reaction 2**  type: \_\_\_\_\_\_\_\_\_  endo or exo? | magnesium + oxygen gas 🡪 magnesium oxide  \_\_\_\_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_ 🡪 \_\_\_\_\_\_\_\_ |
| **Reaction 3**  type: \_\_\_\_\_\_\_\_\_  endo or exo? | Hydrogen peroxide 🡪 oxygen gas + water  \_\_\_\_ H2O2 🡪 \_\_\_\_\_\_\_ + \_\_\_\_\_\_ |
| **Reaction 4**  type: \_\_\_\_\_\_\_\_\_  endo or exo? | potassium iodide + lead (II) nitrate 🡪 potassium nitrate + lead (II) iodide  \_\_\_\_ KI +\_\_\_\_ Pb(NO3)2 🡪\_\_\_\_ KNO3 + \_\_\_\_ PbI2 |
| **Reaction 5**  Type: \_\_\_\_\_\_\_\_\_  endo or exo? | Aluminum + Copper(II)Chloride 🡪 Aluminum Chloride + Copper  \_\_\_\_\_Al + \_\_\_\_\_\_CuCl­2 🡪 \_\_\_\_\_\_AlCl­3 + \_\_\_\_\_ Cu |
| **Reaction 6**  type: \_\_\_\_\_\_\_\_\_  endo or exo? | Magnesium hydroxide + acetic acid 🡪 water + magnesium acetate  \_\_\_ Mg(OH) + \_\_\_\_ HC2H3O2 🡪 \_\_\_\_ H2O + \_\_\_\_ Mg(C2H3O2)2 |