The Equation Lab

1. a. iron + oxygen --> iron(III) oxide

b. methane (CH_4) + oxygen ---> carbon dioxide + water

2. Magnesium + oxygen ---> magnesium oxide

3. Copper + oxygen ----> copper (II) oxide

4. a. Zinc + Hydrogen chloride ---> zinc chloride + hydrogen

b. hydrogen + oxygen ---> water

c. Cellulose($C_6H_{10}O_5$) + oxygen ---> carbon dioxide + water

5. sodium hydrogen carbonate + HCl --> sodium chloride + hydrogen carbonate

6. hydrogen peroxide (H_2O_2) ------> water + oxygen

7. C_3H_7OH + oxygen ---> carbon dioxide + water

8. potassium iodide + lead (II) nitrate ---> lead iodide + potassium nitrate

9. Sodium hydrogen carbonate -----> sodium oxide + water + carbon dioxide

10. water + carbon dioxide ----> hydrogen carbonate

11. Aluminum + copper(II) chloride ---> aluminum chloride + copper

12. Magnesium + hydrogen nitrate ---> magnesium nitrate + hydrogen

13. hydrogen phosphate + sodium carbonate --> sodium phosphate + hydrogen carbonate