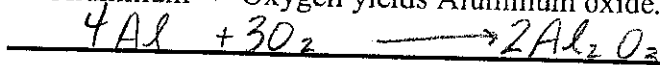


Balancing Chemical Equations II

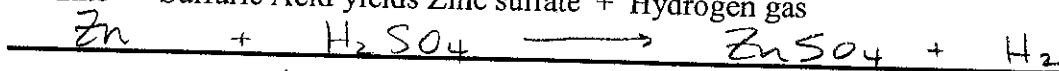
Name: Key

Convert each of the following word equations into formula form and then balance:

1. Aluminum + Oxygen yields Aluminum oxide.



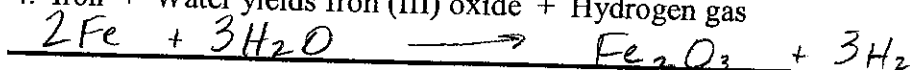
2. Zinc + Sulfuric Acid yields Zinc sulfate + Hydrogen gas



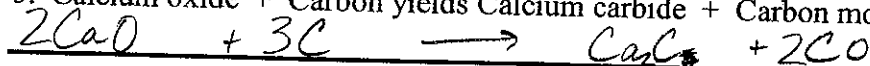
3. Ammonium ^{nitrite} nitrate yields Nitrogen gas + Water



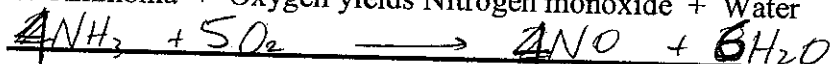
4. Iron + Water yields Iron (III) oxide + Hydrogen gas



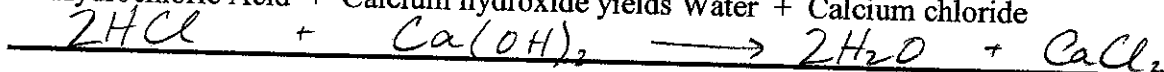
5. Calcium oxide + Carbon yields Calcium carbide + Carbon monoxide



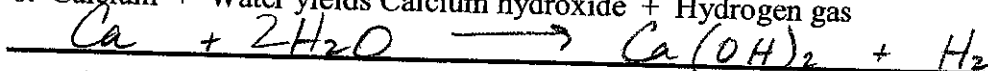
6. Ammonia + Oxygen yields Nitrogen monoxide + Water



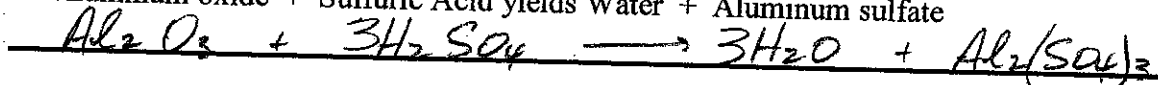
7. Hydrochloric Acid + Calcium hydroxide yields Water + Calcium chloride



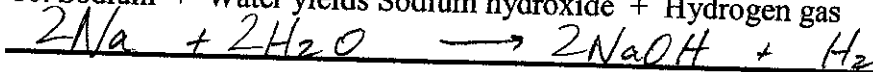
8. Calcium + Water yields Calcium hydroxide + Hydrogen gas



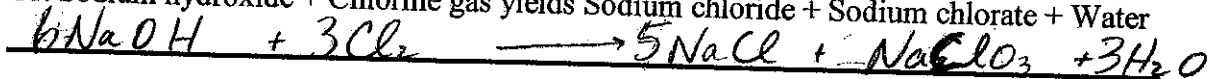
9. Aluminum oxide + Sulfuric Acid yields Water + Aluminum sulfate



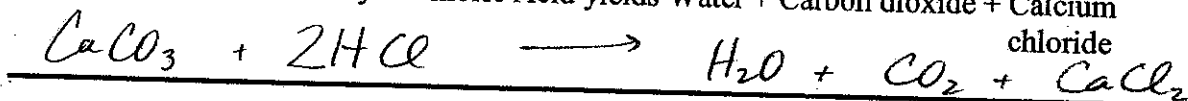
10. Sodium + Water yields Sodium hydroxide + Hydrogen gas



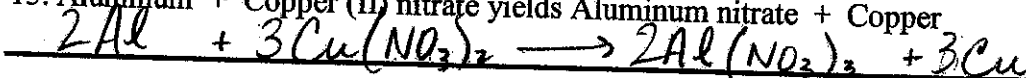
11. Sodium hydroxide + Chlorine gas yields Sodium chloride + Sodium chlorate + Water



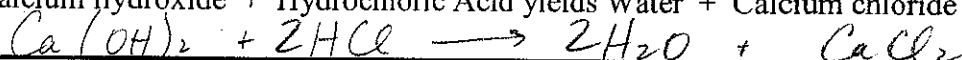
12. Calcium carbonate + Hydrochloric Acid yields Water + Carbon dioxide + Calcium



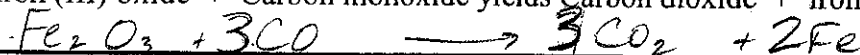
13. Aluminum + Copper (II) nitrate yields Aluminum nitrate + Copper



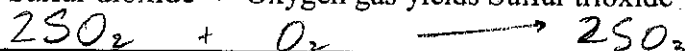
14. Calcium hydroxide + Hydrochloric Acid yields Water + Calcium chloride



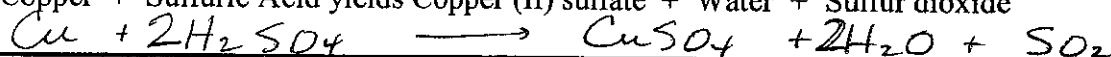
15. Iron (III) oxide + Carbon monoxide yields Carbon dioxide + Iron



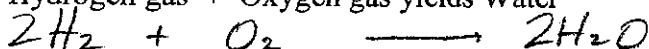
16. Sulfur dioxide + Oxygen gas yields Sulfur trioxide



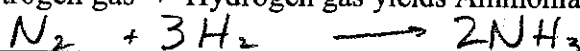
17. Copper + Sulfuric Acid yields Copper (II) sulfate + Water + Sulfur dioxide



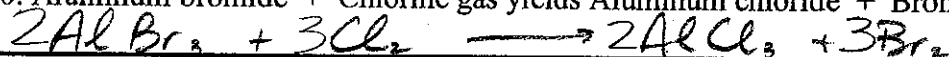
18. Hydrogen gas + Oxygen gas yields Water



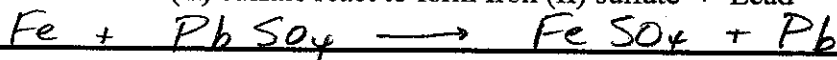
19. Nitrogen gas + Hydrogen gas yields Ammonia



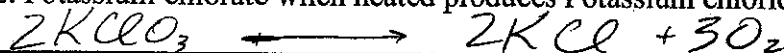
20. Aluminum bromide + Chlorine gas yields Aluminum chloride + Bromine liquid



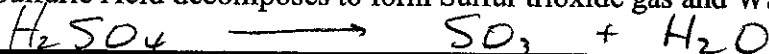
21. Iron + Lead (II) sulfate react to form Iron (II) sulfate + Lead



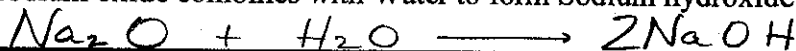
22. Potassium chlorate when heated produces Potassium chloride and Oxygen gas



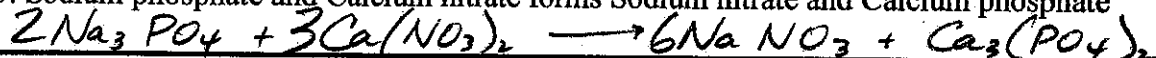
23. Sulfuric Acid decomposes to form Sulfur trioxide gas and Water



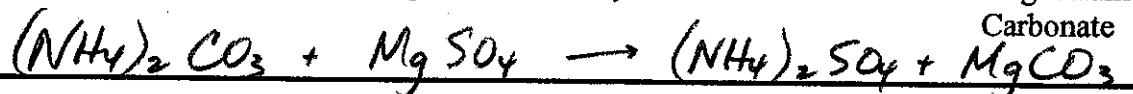
24. Sodium oxide combines with Water to form Sodium hydroxide



25. Sodium phosphate and Calcium nitrate forms Sodium nitrate and Calcium phosphate



26. Ammonium carbonate + Magnesium sulfate yields Ammonium sulfate + Magnesium



27. Nitrogen gas plus Oxygen gas react to form Dinitrogen pentoxide

