

## Equations

1. iron + sulfur → iron (II) sulfide



2. zinc + cupric sulfate → zinc sulfate + copper



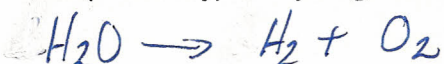
3. silver nitrate + sodium bromide → sodium nitrate + silver bromide



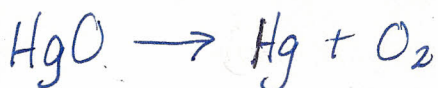
4. potassium chlorate (heated) → potassium chloride + oxygen



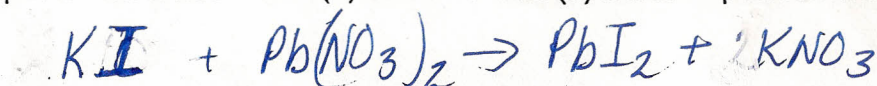
5. water (electricity) → hydrogen + oxygen



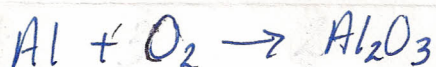
6. mercury (II) oxide (heated) → mercury + oxygen



- 7. potassium iodide + lead (II) nitrate → lead (II) iodide + potassium nitrate



8. aluminum + oxygen → aluminum oxide



9. magnesium chloride + ammonium nitrate → magnesium nitrate + ammonium chloride



10. iron (III) chloride + ammonium hydroxide → iron (III) hydroxide + ammonium chloride



12. iron (III) oxide + carbon → iron + carbon monoxide



13. iron + water → hydrogen + iron(III) oxide



14. iron (III) chloride + potassium hydroxide → potassium chloride + iron (III) hydroxide.



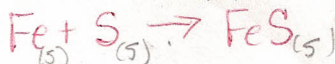
15. aluminum + sulfuric acid → aluminum sulfate + hydrogen



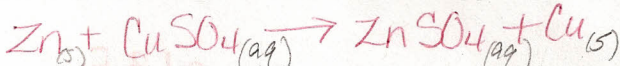
# Equations

Write a balanced chemical equation to represent each of the following chemical reactions:

1. iron + sulfur → iron (II) sulfide



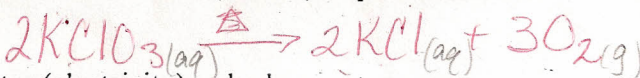
2. zinc + cupric sulfate → zinc sulfate + copper



3. silver nitrate + sodium bromide → sodium nitrate + silver bromide



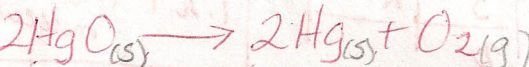
4. potassium chlorate (heated) → potassium chloride + oxygen



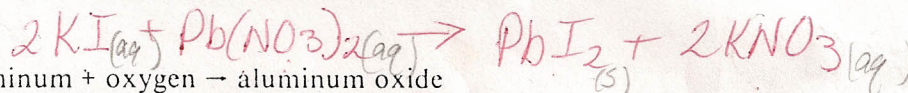
5. water (electricity) → hydrogen + oxygen



6. mercury (II) oxide (heated) → mercury + oxygen



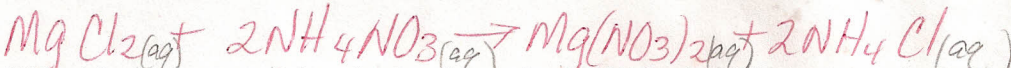
7. potassium iodide + lead (II) nitrate → lead (II) iodide + potassium nitrate



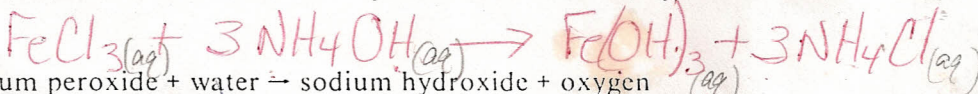
8. aluminum + oxygen → aluminum oxide



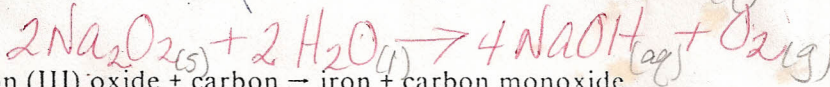
9. magnesium chloride + ammonium nitrate → magnesium nitrate + ammonium chloride



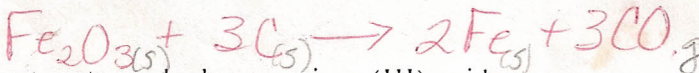
10. iron (III) chloride + ammonium hydroxide → iron (III) hydroxide + ammonium chloride



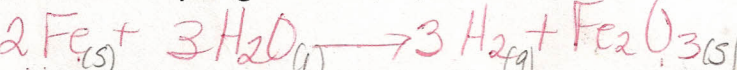
11. sodium peroxide + water → sodium hydroxide + oxygen



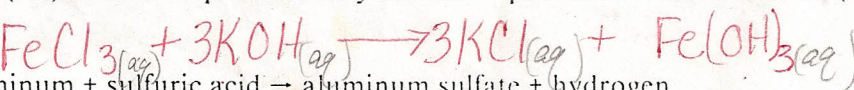
12. iron (III) oxide + carbon → iron + carbon monoxide



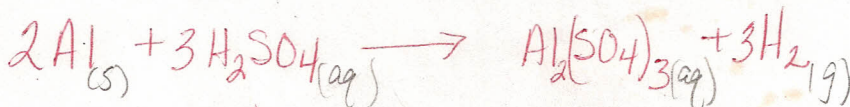
13. iron + water → hydrogen + iron (III) oxide



14. iron (III) chloride + potassium hydroxide → potassium chloride + iron (III) hydroxide



15. aluminum + sulfuric acid → aluminum sulfate + hydrogen



(continued)