

Complete each of the equations, write formulas and balance the chemical equation. Classify according to the type of reaction. WRITE THE WORD EQUATION ON THE HANDOUT. WRITE THE COMPLETED CHEMICAL EQUATION ON NOTEBOOK PAPER.

1. barium oxide + carbon dioxide →
2. silver + oxygen →
3. aluminum oxide + water →
4. potassium chlorate →
5. calcium carbonate →
6. aluminum hydroxide →
7. copper (I) bromide →
8. sodium + oxygen →
9. lithium + sodium chloride →
10. sodium chloride →
11. sodium chlorate →
12. copper (II) + oxygen →
13. aluminum + hydrogen chloride →
14. hydrochloric acid + magnesium hydroxide →
15. silver + chlorine →
16. lithium chloride + fluorine →
17. aluminum oxide → aluminum + oxygen
18. sodium chloride + silver nitrate → sodium nitrate + silver chloride
19. water → hydrogen + oxygen
20. potassium iodide + bromine → potassium bromide + iodine
21. aluminum + hydrochloric acid → aluminum chloride + hydrogen
22. magnesium carbonate → magnesium oxide + carbon dioxide
23. iron(IV) sulfide + sodium hydroxide → iron(IV) hydroxide + sodium sulfide
24. sulfuric acid + potassium hydroxide → potassium sulfate + water
25. sodium chloride → sodium + chlorine
26. potassium hydroxide + nitric acid → potassium nitrate + water
27. calcium + sulfur → calcium sulfide
28. potassium + silver chloride → potassium chloride + silver
29. iron (III) + sulfur → iron(III) sulfide
30. barium hydroxide + sulfuric acid → barium sulfate + water
31. iron (II) oxide → iron + oxygen
32. phosphoric acid + sodium hydroxide → sodium phosphate + water
33. C_6H_{12} + oxygen → carbon dioxide + water
34. $C_6H_{10}O_3$ + oxygen → carbon dioxide + water
35. sodium sulfate + silver nitrate → sodium nitrate + silver sulfate
36. zinc + silver chloride → zinc chloride + silver
37. aluminum + sulfuric acid → aluminum sulfate + hydrogen
38. iron (III) bromide + ammonium sulfide → iron(III) sulfide + ammonium bromide



