

Chemistry

Name _____

Write the formulas for the reactants, predict the products and then balance the resulting equation.

1. magnesium + oxygen →
2. aluminum + hydrochloric acid →
- ~~3. sodium oxide + sulfur dioxide →~~
4. phosphoric acid →
5. sodium chlorate →
6. zinc chloride + ammonium sulfide
- ~~7. zinc sulfide + oxygen →~~
8. calcium carbonate →
9. mercury II sulfate + ammonium nitrate
10. iron + copper II sulfate →
11. zinc + sulfuric acid →
12. dinitrogen pentoxide + water →
13. chlorine + magnesium iodide →
14. potassium + water →
15. iron + hydrochloric acid →
16. cobalt III hydroxide + nitric acid →
17. bromine + sodium iodide →
18. sodium hydroxide + phosphoric acid →
19. ammonium sulfate + calcium hydroxide →
20. silver nitrate + potassium chloride →
21. magnesium hydroxide + phosphoric acid →
22. iron II sulfide + hydrochloric acid →
23. ammonium sulfide + iron II nitrate →
24. sulfuric acid + potassium hydroxide →
25. aluminum sulfate + calcium phosphate →
26. barium carbonate + hydrochloric acid →
27. silver acetate + potassium chromate →
28. ammonium phosphate + barium hydroxide →
29. chromium III sulfite + sulfuric acid →
30. calcium hydroxide + nitric acid →

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