

Predicting the Products of Chemical Reactions

Predict the products of the following chemical reactions. Write the reaction and balance it.

1. Magnesium hydroxide is heated.
2. Calcium carbonate is heated.
3. Calcium oxide reacts with water.
4. Magnesium oxide reacts with water.
5. Sulfuric acid (H_2SO_4) is heated.
6. Carbonic acid (H_2CO_3) is heated.
7. Water reacts with sulfur trioxide.
8. Lithium oxide reacts with water.
9. Sodium carbonate is heated.
10. Calcium hydroxide is heated.




11. Phosphorous acid (H_3PO_3) is heated.

12. Sodium hydroxide is heated.

13. Magnesium carbonate is heated.

14. Zinc is combined with hydrochloric acid (HCl).

15. Copper is combined with hydrochloric acid (HCl).



16. Barium is combined with lithium sulfate.

17. Copper is combined with zinc sulfate.

18. Zinc is combined with copper sulfate.

19. Potassium is combined with iron (III) sulfate.

20. Gold is combined with barium sulfate.

