

9. potassium nitrate decomposes to form potassium nitrite and oxygen

10. barium chloride reacts with sodium sulfate to produce barium sulfate and sodium chloride

11. magnesium combines with oxygen to form magnesium oxide

12. Silver nitrate reacts with potassium chloride to produce silver chloride and potassium nitrate.

Directions: Write the skeleton equation, predict the products, then balance.

13. Calcium + Hydrochloric acid \longrightarrow

14. Chromium(IV) iodide + fluorine \longrightarrow

15. Potassium sulfate + Nickel(II) nitrate \longrightarrow