

Video worksheet - Acid reactions.

1. Write balanced chemical equations states not included for the following reactions.
 - a. Hydrochloric acid (HCl) and magnesium oxide (MgO)

 - b. Sulfuric acid (HCl) and magnesium carbonate(MgCO₃)

 - c. Sulfuric acid (H₂SO₄) and calcium hydroxide(Ca(OH)₂)

 - d. Hydrochloric acid(HCl) and calcium carbonate(CaCO₃)

 - e. Hydrochloric acid(HCl) and sodium sulfide(Na₂S)

 - f. Hydrochloric acid(HCl) and sodium sulfide(Na₂S)

2. A sulfuric acid solution is mixed with a solution of sodium sulfide. Write a balanced chemical equation, states included, for the resulting reaction.

3. Sodium carbonate powder is placed in a solution of nitric acid (HNO₃). Write a balanced chemical equation, states included, for the resulting reaction.