

7. solid aluminum hydroxide reacts with nitric acid to yield soluble aluminum nitrate and liquid water

8. aqueous lead (IV) nitrate reacts with aqueous sodium sulfate to yield a lead (IV) sulfate precipitate and soluble sodium nitrate

9. aqueous sodium hydroxide reacts with carbon dioxide gas to yield soluble sodium carbonate and liquid water

10. solid magnesium oxide reacts with hydrochloric acid to yield a solution of magnesium chloride and liquid water

11. solid zinc metal reacts with sulfuric acid to yield aqueous zinc sulfate and hydrogen gas

12. solid ferric oxide reacts with solid aluminum metal to yield solid aluminum oxide and solid iron metal