

Write and balance the equations for these reactions:

1. Calcium oxide + water \longrightarrow calcium hydroxide



2. Aluminum + iron III oxide \longrightarrow aluminum oxide + iron



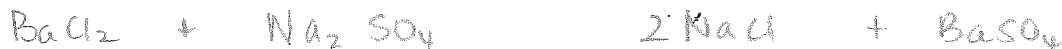
3. Silver sulphate + copper \longrightarrow copper II sulphate + silver



4. Sodium hydroxide + carbon dioxide \longrightarrow sodium carbonate + water



5. Barium chloride + sodium sulphate \longrightarrow sodium chloride + barium sulphate



6. Iron II sulphide + hydrochloric acid \longrightarrow hydrogen sulphide + iron II chloride



7. Lead II nitrate + sulphuric acid \longrightarrow lead II sulphate + nitric acid



8. Zinc chloride + ammonium sulphide \longrightarrow zinc sulphide + ammonium chloride



9. Magnesium + nitric acid \longrightarrow magnesium nitrate + hydrogen



10. Mercury I chloride \longrightarrow mercury + mercury II chloride



11. Iron III oxide + carbon monoxide \longrightarrow iron + carbon dioxide



12. Lead II acetate + hydrogen sulphide \longrightarrow lead II sulphide + acetic acid



13. Calcium phosphate + sulphuric acid \longrightarrow calcium sulphate + phosphoric acid



14. Iron III chloride + sodium carbonate \longrightarrow sodium chloride + iron III carbonate



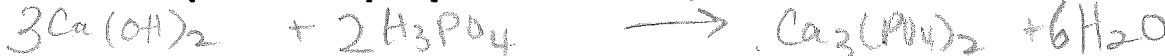
15. Calcium oxide + diphosphorus pentoxide \longrightarrow calcium phosphate



16. Calcium carbonate + hydrochloric acid \longrightarrow calcium chloride + water + carbon dioxide



17. Calcium hydroxide + phosphoric acid \longrightarrow calcium phosphate + water



18. Aluminum hydroxide + sulphuric acid \longrightarrow aluminum sulphate + water

