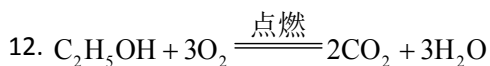
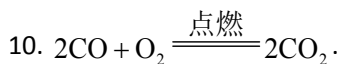
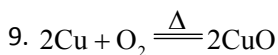
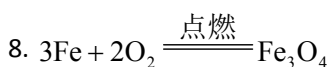
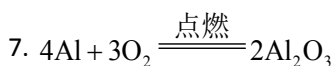
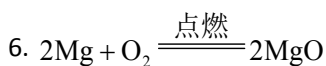
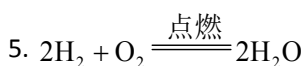
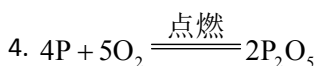
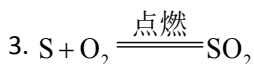
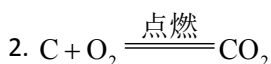
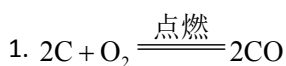
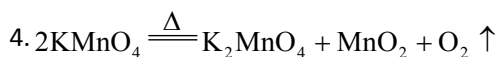
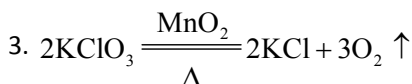
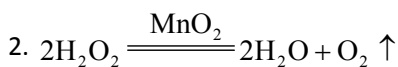
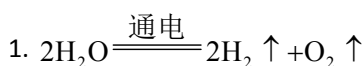


初三化学高频化学方程式

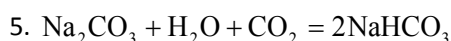
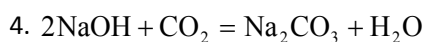
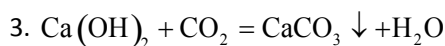
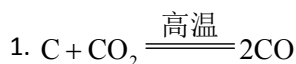
一、氧气参与的反应



二、生成氧气的反应

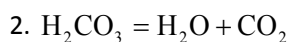


三、二氧化碳参与的反应

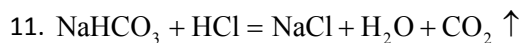
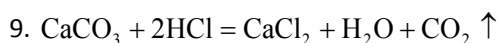
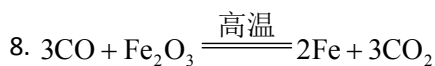
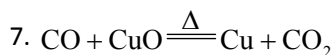
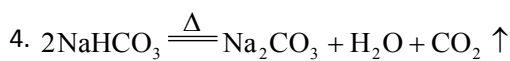
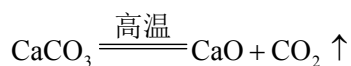


四、生成二氧化碳的反应

1. C、CO、CH₄、C₂H₅OH 的完全燃烧



3. 煅烧大理石/石灰石



五、水参与的反应

1. $\text{H}_2\text{O} + \text{CO}_2 = \text{H}_2\text{CO}_3$
2. $\text{H}_2\text{O} + \text{CaO} = \text{Ca}(\text{OH})_2$
3. $\text{Na}_2\text{CO}_3 + \text{H}_2\text{O} + \text{CO}_2 = 2\text{NaHCO}_3$

六、生成水的反应

1. H_2 、 CH_4 、 $\text{C}_2\text{H}_5\text{OH}$ 的燃烧
2. $2\text{H}_2\text{O}_2 \xrightarrow{\text{MnO}_2} 2\text{H}_2\text{O} + \text{O}_2 \uparrow$
3. $\text{H}_2\text{CO}_3 = \text{H}_2\text{O} + \text{CO}_2$
4. $\text{H}_2 + \text{CuO} \xrightarrow{\Delta} \text{Cu} + \text{H}_2\text{O}$
5. $\text{Fe}_2\text{O}_3 + 3\text{H}_2\text{SO}_4 = \text{Fe}_2(\text{SO}_4)_3 + 3\text{H}_2\text{O}$
6. $\text{Fe}_2\text{O}_3 + 6\text{HCl} = 2\text{FeCl}_3 + 3\text{H}_2\text{O}$
7. $\text{CuO} + \text{H}_2\text{SO}_4 = \text{CuSO}_4 + \text{H}_2\text{O}$
8. $\text{CuO} + 2\text{HCl} = \text{CuCl}_2 + \text{H}_2\text{O}$
9. $\text{Al}_2\text{O}_3 + 3\text{H}_2\text{SO}_4 = \text{Al}_2(\text{SO}_4)_3 + 3\text{H}_2\text{O}$
10. $\text{Al}_2\text{O}_3 + 6\text{HCl} = 2\text{AlCl}_3 + 3\text{H}_2\text{O}$
11. 酸 + 碱 = 盐 + 水
12. 碳酸盐/碳酸氢盐与盐酸/硫酸的反应

七、金属与酸的反应

1. $\text{Fe} + 2\text{HCl} = \text{FeCl}_2 + \text{H}_2 \uparrow$
2. $\text{Fe} + \text{H}_2\text{SO}_4 = \text{FeSO}_4 + \text{H}_2 \uparrow$
3. $2\text{Al} + 6\text{HCl} = 2\text{AlCl}_3 + 3\text{H}_2 \uparrow$
4. $2\text{Al} + 3\text{H}_2\text{SO}_4 = \text{Al}_2(\text{SO}_4)_3 + 3\text{H}_2 \uparrow$
5. $\text{Mg} + 2\text{HCl} = \text{MgCl}_2 + \text{H}_2 \uparrow$
6. $\text{Mg} + \text{H}_2\text{SO}_4 = \text{MgSO}_4 + \text{H}_2 \uparrow$

八、金属与可溶性盐的反应

1. $\text{Zn} + \text{FeSO}_4 = \text{ZnSO}_4 + \text{Fe}$
2. $\text{Fe} + \text{CuSO}_4 = \text{FeSO}_4 + \text{Cu}$
3. $\text{Cu} + 2\text{AgNO}_3 = \text{Cu}(\text{NO}_3)_2 + 2\text{Ag}$

九、重要的酸碱盐之间的反应

1. $\text{HCl} + \text{NaOH} = \text{NaCl} + \text{H}_2\text{O}$
2. $2\text{HCl} + \text{Ca}(\text{OH})_2 = \text{CaCl}_2 + 2\text{H}_2\text{O}$
3. $3\text{HCl} + \text{Fe}(\text{OH})_3 = \text{FeCl}_3 + 3\text{H}_2\text{O}$
4. $\text{H}_2\text{SO}_4 + \text{Cu}(\text{OH})_2 = \text{CuSO}_4 + 2\text{H}_2\text{O}$
5. $\text{Na}_2\text{CO}_3 + \text{H}_2\text{SO}_4 = \text{Na}_2\text{SO}_4 + \text{H}_2\text{O} + \text{CO}_2 \uparrow$
6. $\text{Na}_2\text{CO}_3 + 2\text{HCl} = 2\text{NaCl} + \text{H}_2\text{O} + \text{CO}_2 \uparrow$
7. $\text{Na}_2\text{CO}_3 + \text{Ca}(\text{OH})_2 = \text{CaCO}_3 \downarrow + 2\text{NaOH}$
8. $\text{Na}_2\text{CO}_3 + \text{CaCl}_2 = \text{CaCO}_3 \downarrow + 2\text{NaCl}$
9. $\text{NaHCO}_3 + \text{HCl} = \text{NaCl} + \text{H}_2\text{O} + \text{CO}_2 \uparrow$
10. $2\text{NaHCO}_3 + \text{H}_2\text{SO}_4 = \text{Na}_2\text{SO}_4 + 2\text{H}_2\text{O} + 2\text{CO}_2 \uparrow$
11. $\text{CaCO}_3 + 2\text{HCl} = \text{CaCl}_2 + \text{H}_2\text{O} + \text{CO}_2 \uparrow$