



高中无机化学方程式汇总



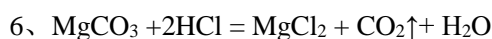
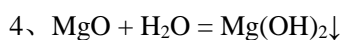
钠及其化合物

- 1、 $4\text{Na} + \text{O}_2 = 2\text{Na}_2\text{O}$
- 2、 $2\text{Na} + \text{O}_2 \xrightarrow{\text{点燃}} \text{Na}_2\text{O}_2$
- 3*、 $2\text{Na} + \text{S} = \text{Na}_2\text{S}$ (混合研磨即爆炸)
- 4、 $2\text{Na} + 2\text{H}_2\text{O} = 2\text{NaOH} + \text{H}_2\uparrow$
- 5、 $\text{Na}_2\text{O} + \text{H}_2\text{O} = 2\text{NaOH}$
- 6、 $2\text{Na}_2\text{O} + \text{O}_2 \xrightarrow{\Delta} 2\text{Na}_2\text{O}_2$
- 7*、 $\text{Na}_2\text{O} + \text{SO}_3 = \text{Na}_2\text{SO}_4$
- 8、 $2\text{Na}_2\text{O}_2 + 2\text{H}_2\text{O} = 4\text{NaOH} + \text{O}_2\uparrow$
- 9、 $2\text{Na}_2\text{O}_2 + 2\text{CO}_2 = 2\text{Na}_2\text{CO}_3 + \text{O}_2$
- 10*、 $\text{Na}_2\text{O}_2 + \text{SO}_2 = \text{Na}_2\text{SO}_4$
- 11*、 $\text{NaH} + \text{H}_2\text{O} = \text{NaOH} + \text{H}_2\uparrow$
- 12、 $2\text{NaHCO}_3 \xrightarrow{\Delta} \text{Na}_2\text{CO}_3 + \text{CO}_2\uparrow + \text{H}_2\text{O}$
- 13、 $\text{Na}_2\text{CO}_3 + \text{HCl} = \text{NaHCO}_3 + \text{NaCl}$
- 14、 $\text{NaHCO}_3 + \text{HCl} = \text{NaCl} + \text{H}_2\text{O} + \text{CO}_2\uparrow$
- 15、 $\text{Na}_2\text{CO}_3 + 2\text{HCl} = 2\text{NaCl} + \text{H}_2\text{O} + \text{CO}_2\uparrow$

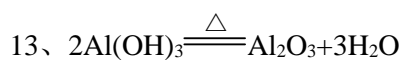
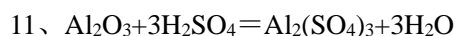
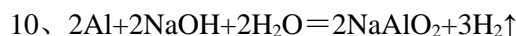
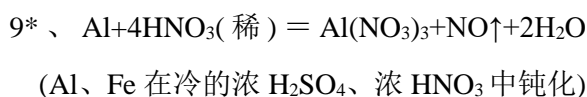
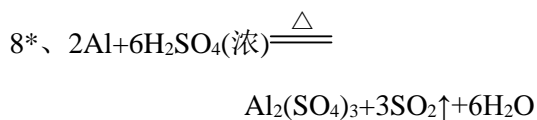
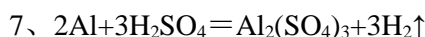
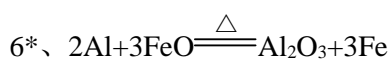
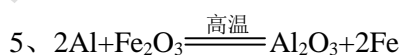
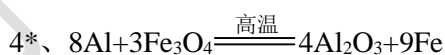
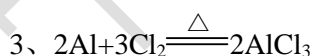
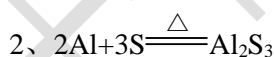
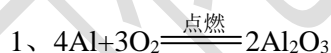


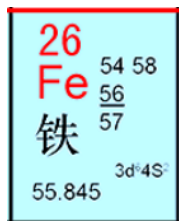
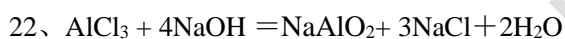
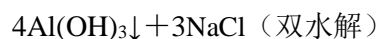
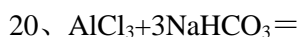
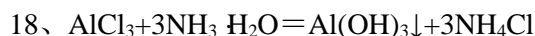
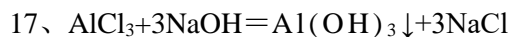
镁及其化合物

- 1、 $2\text{Mg} + \text{O}_2 \xrightarrow{\text{点燃}} 2\text{MgO}$
- 2、 $\text{Mg} + 2\text{H}_2\text{O} \xrightarrow{\Delta} \text{Mg}(\text{OH})_2\downarrow + \text{H}_2\uparrow$

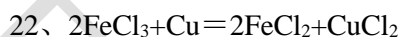
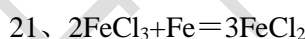
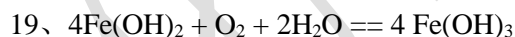
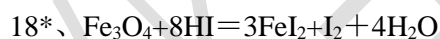
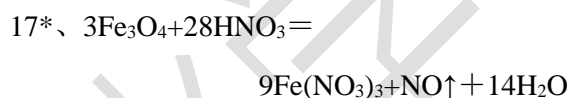
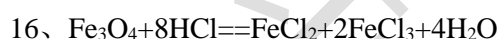
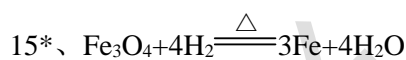
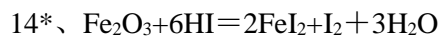
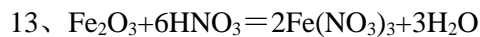
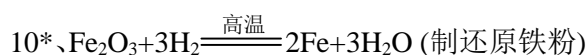
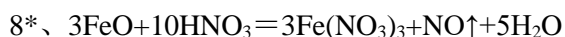
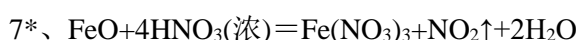
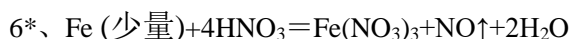
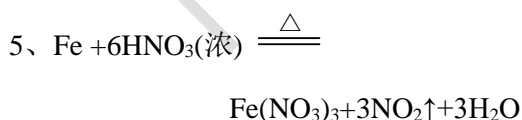
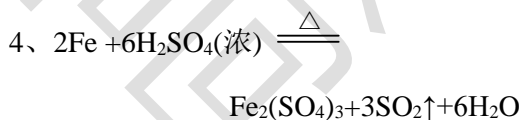
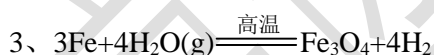
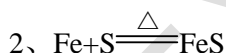
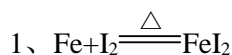


铝及其化合物

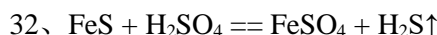
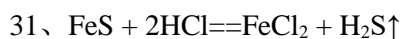
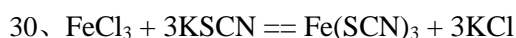
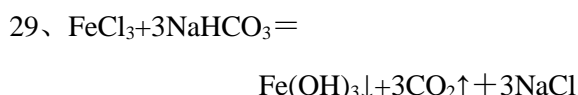
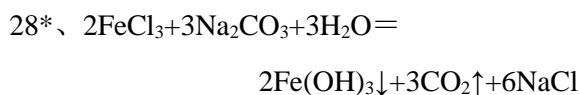
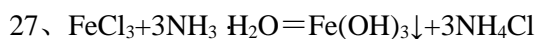
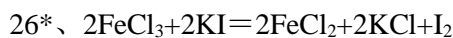
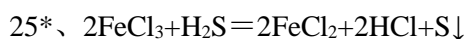
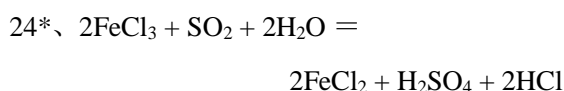
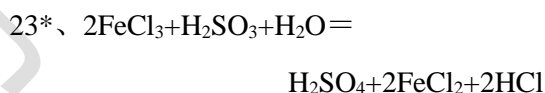


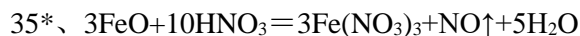
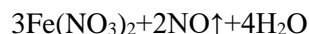
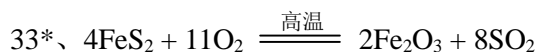


铁及其化合物



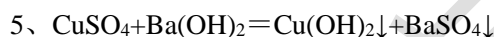
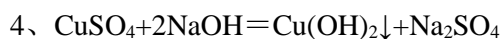
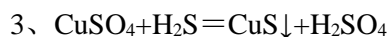
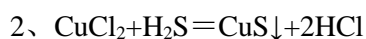
(用于雕刻铜线路版)





29	63
Cu	65
铜	
63.546	

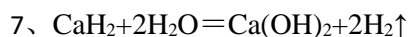
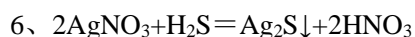
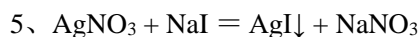
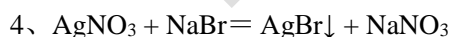
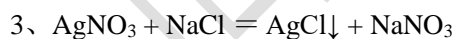
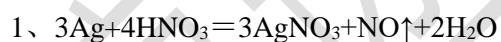
铜及其化合物



20	40	44
Ca	42	46
钙	43	48
40.078		

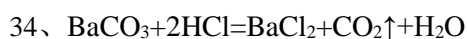
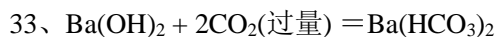
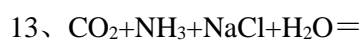
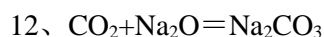
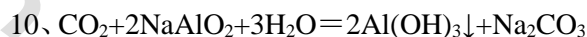
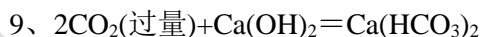
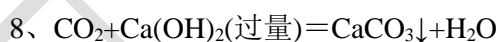
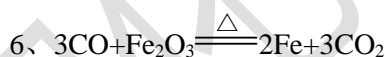
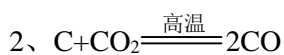
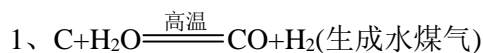
47	107
Ag	109
银	
107.87	

钙银及其化合物



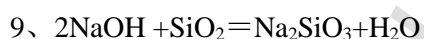
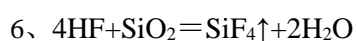
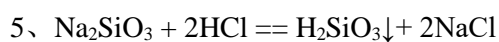
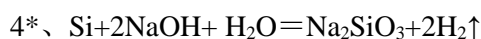
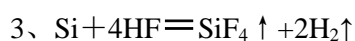
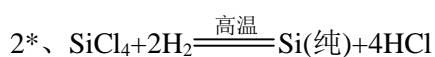
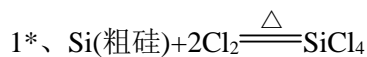
6	12
C	13
碳	
12.011	

碳及其化合物





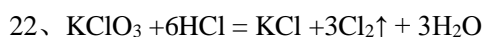
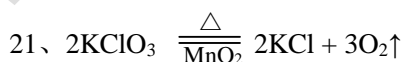
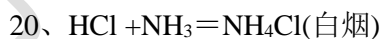
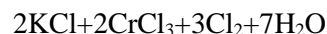
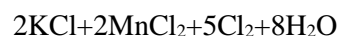
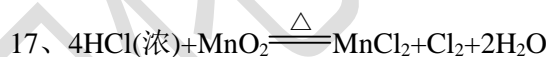
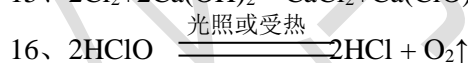
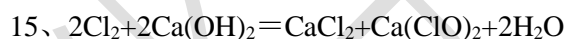
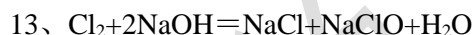
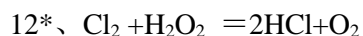
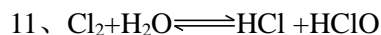
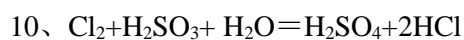
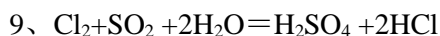
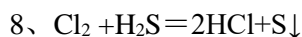
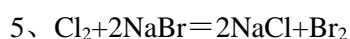
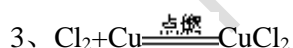
硅及其化合物



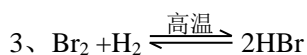
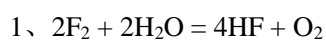
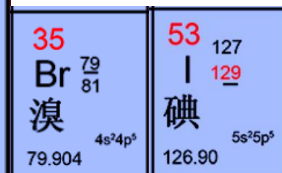
(常温下强碱缓慢腐蚀玻璃)

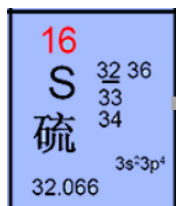
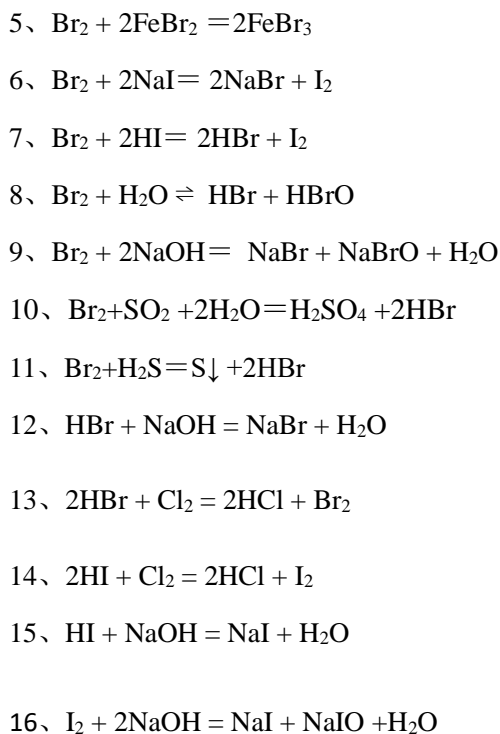


氯及其化合物

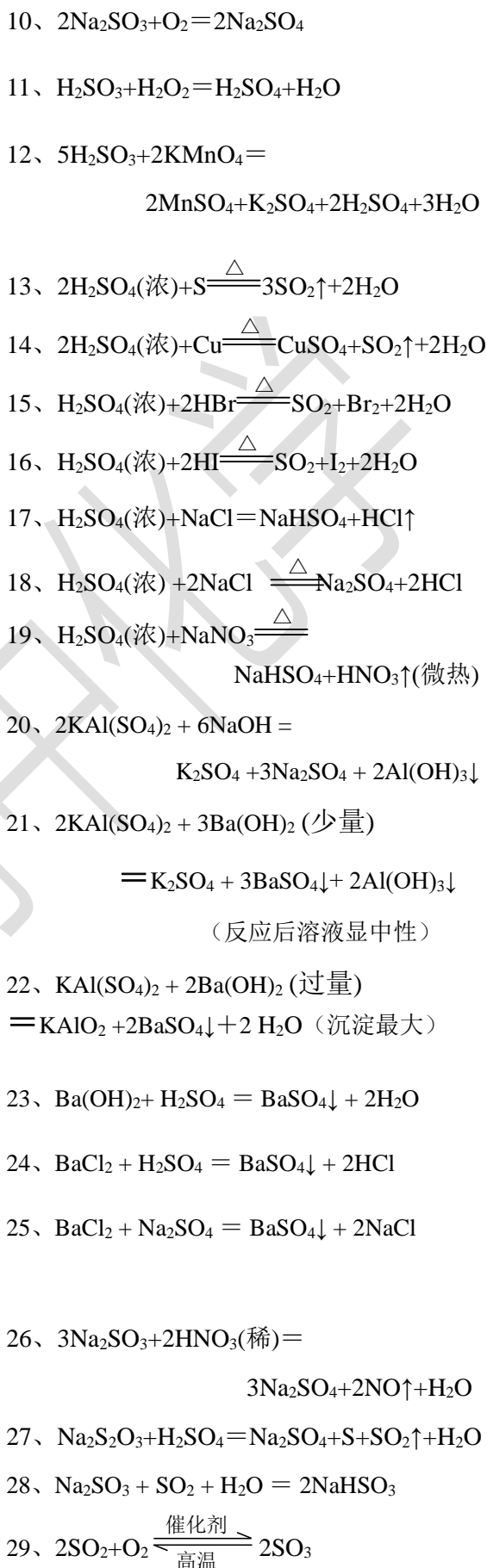
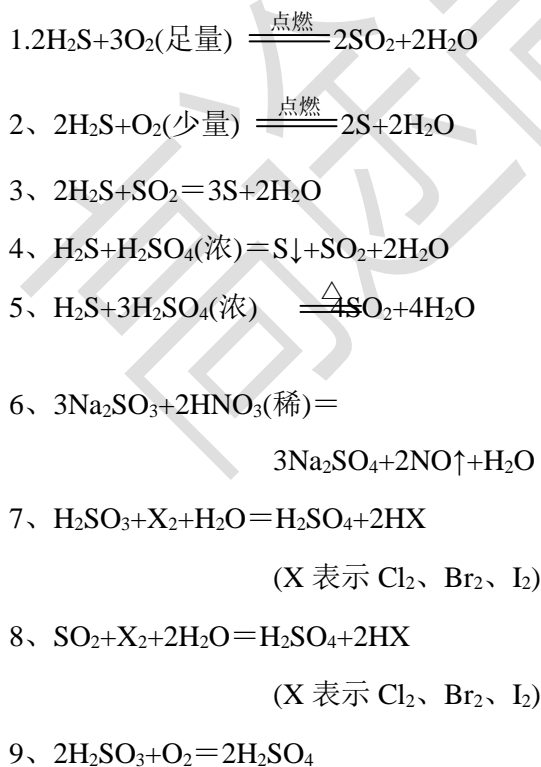


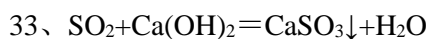
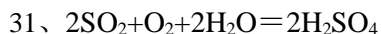
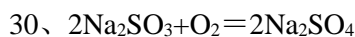
氟溴碘及其化合物



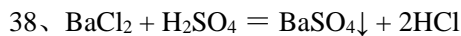
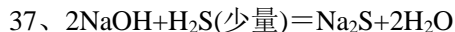
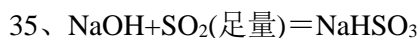
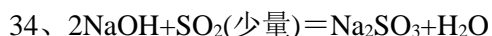


硫及其化合物



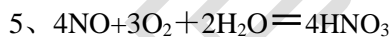
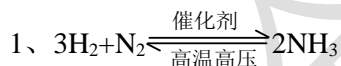


(不能用澄清石灰水鉴别 SO_2 和 CO_2 , 可用品红鉴别)

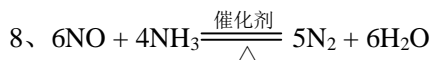


7	14
N	15
氮	
14.007	$2s^2 2p^3$

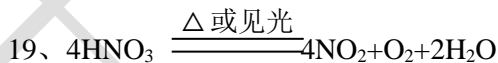
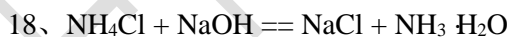
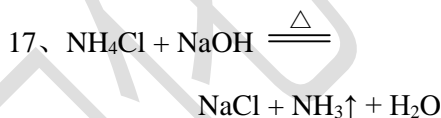
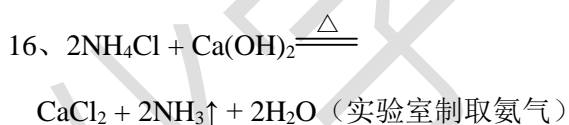
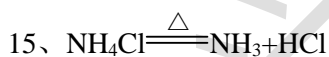
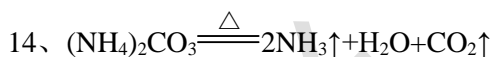
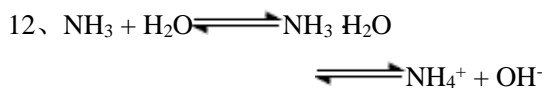
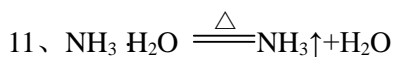
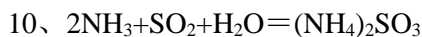
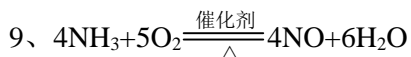
氮及其化合物



(用于制硝酸工业中吸收尾气中的 NO 和 NO_2)



(用氨清除 NO)



普益通中化学