

CHEMICAL REACTIONS - REVIEW

Write down the formula equations, balance them and determine the type of reactions.

	Chemical Reaction	Type
1	hydrogen + nitrogen \rightarrow ammonia	
2	potassium + water \rightarrow potassium hydroxide + hydrogen	
3	silver nitrate + heat \rightarrow silver + oxygen + nitrogen dioxide	
4	iron(II) sulfate + sodium hydroxide \rightarrow iron hydroxide + sodium sulfate	
5	barium fluoride + lithium \rightarrow barium + lithium fluoride	
6	sodium carbonate + heat \rightarrow sodium oxide + carbon dioxide	
7	ammonia + hydrogen carbonate \rightarrow ammonium carbonate	
8	dinitrogen pentoxide + water \rightarrow hydrogen nitrate	
9	lead(II) nitrate + potassium iodide \rightarrow lead(II) iodide + potassium nitrate	
10	propane (C ₃ H ₈) + oxygen \rightarrow carbon dioxide + water	
11	tetraphosphorus decoxide + water \rightarrow hydrogen phosphate	
12	aluminum + hydrogen sulfate \rightarrow aluminum sulfate + hydrogen	
13	copper (II) hydroxide + heat \rightarrow copper (II) oxide + water	
14	iron + hydrogen sulfide \rightarrow iron (II) sulfide + hydrogen	
15	magnesium carbonate + hydrogen chloride \rightarrow magnesium chloride + carbon dioxide + water	