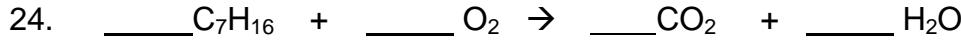
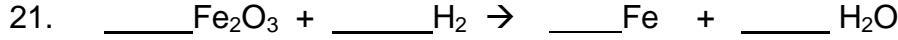
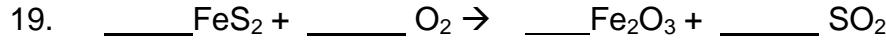
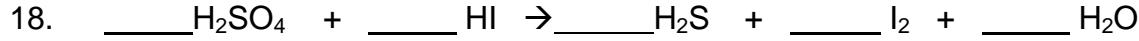
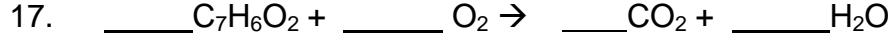
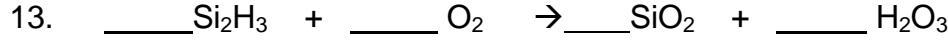
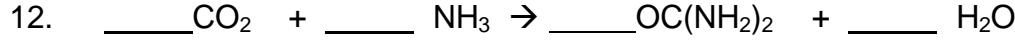
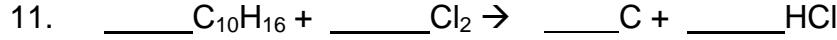
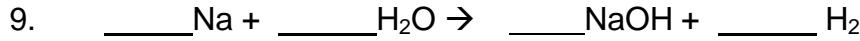
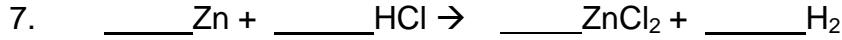
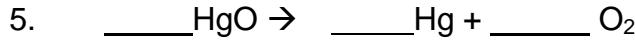
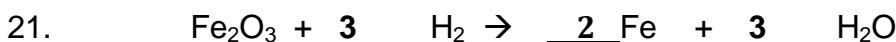
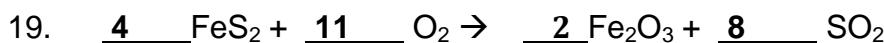
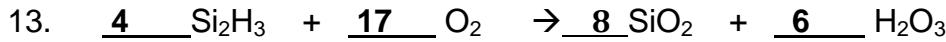
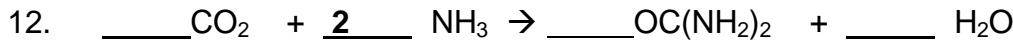
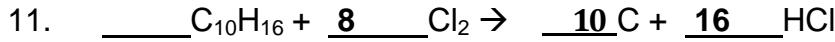
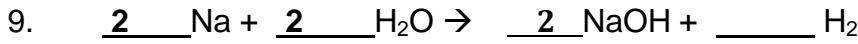
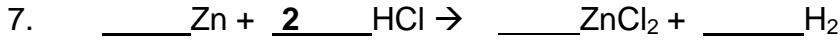
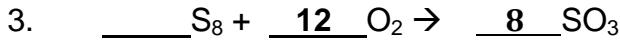
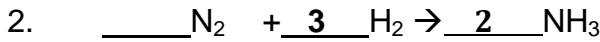


### Balancing Chemical Equations Race



26. Dicarbon dihydride + Oxygen → Carbon dioxide + Water
27. Potassium oxide + Water → Potassium hydroxide
28. Hydrogen peroxide ( $H_2O_2$ ) → Water + Oxygen
29. Aluminum + Oxygen → Aluminum oxide
30. Sodium peroxide( $Na_2O_2$ ) + Water → Sodium hydroxide + oxygen
31. Silicon dioxide + Hydrofluoric acid → Silicon tetrafluoride + Water
32. Carbon + water → Carbon monoxide + Hydrogen
33. Potassium chlorate → Potassium chloride + Oxygen
34. Potassium chlorate → Potassium perchlorate + Potassium chloride
35. Aluminum sulfate + Calcium hydroxide → Aluminum hydroxide + Calcium sulfate
36. Tetraphosphorus decoxide + Water → Phosphoric acid
37. Iron III chloride + Ammonium hydroxide → Iron III hydroxide + Ammonium chloride
38. Antimony + Oxygen → Tetrantimony Hexoxide
39. Tricarbon octahydride + Oxygen → Carbon dioxide + water
40. Dinitrogen pentoxide + Water → Nitric acid
41. Nitrogen trihydride + Nitrogen monoxide → Nitrogen + Water
42. Aluminum + hydrochloric acid → Aluminum chloride + Hydrogen
43. Phosphorus pentachloride + water → hydrochloric acid + phosphoric acid
44. Magnesium + Nitrogen → Magnesium nitride
45. Iron + Water → Iron III oxide + Hydrogen
46. Sodium hydroxide + Chlorine → Sodium chloride + Sodium hypochlorite + water
47. Lithium oxide + Water → Lithium hydroxide
48. Ammonium nitrate → Dinitrogen monoxide + water
49. Lead II nitrate → Lead II oxide + Nitrogen dioxide + Oxygen
50. Calcium chlorate → Calcium chloride + Oxygen

Balancing Chemical Equations Race (ANSWERS)



26. Dicarbon dihydride + Oxygen → Carbon dioxide + Water  

$$2 \text{C}_2\text{H}_2 + 5 \text{O}_2 \rightarrow 4 \text{CO}_2 + 2 \text{H}_2\text{O}$$
27. Potassium oxide + Water → Potassium hydroxide  

$$\text{K}_2\text{O} + \text{H}_2\text{O} \rightarrow 2 \text{KOH}$$
28. Hydrogen peroxide ( $\text{H}_2\text{O}_2$ ) → Water + Oxygen  

$$2 \text{H}_2\text{O}_2 \rightarrow 2 \text{H}_2\text{O} + \text{O}_2$$
29. Aluminum + Oxygen → Aluminum oxide  

$$4 \text{Al} + 3 \text{O}_2 \rightarrow 2 \text{Al}_2\text{O}_3$$
30. Sodium peroxide( $\text{Na}_2\text{O}_2$ ) + Water → Sodium hydroxide + oxygen  

$$2 \text{Na}_2\text{O}_2 + 2 \text{H}_2\text{O} \rightarrow 4 \text{NaOH} + \text{O}_2$$
31. Silicon dioxide + Hydrofluoric acid → Silicon tetrafluoride + Water  

$$\text{SiO}_2 + 4 \text{HF} \rightarrow \text{SiF}_4 + 2 \text{H}_2\text{O}$$
32. Carbon + water → Carbon monoxide + Hydrogen  

$$\text{C} + \text{H}_2\text{O} \rightarrow \text{CO} + \text{H}_2$$
 : Balanced!!
33. Potassium chlorate → Potassium chloride + Oxygen  

$$2 \text{KClO}_3 \rightarrow 2 \text{KCl} + 3 \text{O}_2$$
34. Potassium chlorate → Potassium perchlorate + Potassium chloride  

$$4 \text{KClO}_3 \rightarrow 3 \text{KClO}_4 + \text{KCl}$$
35. Aluminum sulfate + Calcium hydroxide → Aluminum hydroxide + Calcium sulfate  

$$\text{Al}_2(\text{SO}_4)_3 + 3 \text{Ca}(\text{OH})_2 \rightarrow 2 \text{Al}(\text{OH})_3 + 3 \text{CaSO}_4$$
36. Tetraphosphorus decoxide + Water → Phosphoric acid  

$$\text{P}_4\text{O}_{10} + 6 \text{H}_2\text{O} \rightarrow 4 \text{H}_3\text{PO}_4$$
37. Iron III chloride + Ammonium hydroxide → Iron III hydroxide + Ammonium chloride  

$$\text{FeCl}_3 + 3 \text{NH}_4\text{OH} \rightarrow \text{Fe}(\text{OH})_3 + 3 \text{NH}_4\text{Cl}$$
38. Antimony + Oxygen → Tetrantimony Hexoxide  

$$4 \text{Sb} + 3 \text{O}_2 \rightarrow \text{Sb}_4\text{O}_6$$
39. Tricarbon octahydride + Oxygen → Carbon dioxide + water  

$$\text{C}_3\text{H}_8 + 5 \text{O}_2 \rightarrow 3 \text{CO}_2 + 4 \text{H}_2\text{O}$$
40. Dinitrogen pentoxide + Water → Nitric acid  

$$\text{N}_2\text{O}_5 + \text{H}_2\text{O} \rightarrow 2 \text{HNO}_3$$
41. Nitrogen trihydride + Nitrogen monoxide → Nitrogen + Water  

$$4 \text{NH}_3 + 6 \text{NO} \rightarrow 5 \text{N}_2 + 6 \text{H}_2\text{O}$$
42. Aluminum + hydrochloric acid → Aluminum chloride + Hydrogen  

$$2 \text{Al} + 6 \text{HCl} \rightarrow 2 \text{AlCl}_3 + 3 \text{H}_2$$

43. Phosphorus pentachloride + water → hydrochloric acid + phosphoric acid  
 $\text{PCl}_5 + 4 \text{H}_2\text{O} \rightarrow 5 \text{HCl} + \text{H}_3\text{PO}_4$
44. Magnesium + Nitrogen → Magnesium nitride  
 $3 \text{Mg} + \text{N}_2 \rightarrow \text{Mg}_3\text{N}_2$
45. Iron + Water → Iron III oxide + Hydrogen  
 $2 \text{Fe} + 3 \text{H}_2\text{O} \rightarrow \text{Fe}_2\text{O}_3 + 3 \text{H}_2$
46. Sodium hydroxide + Chlorine → Sodium chloride + Sodium hypochlorite + water  
 $2 \text{NaOH} + \text{Cl}_2 \rightarrow \text{NaCl} + \text{NaClO} + \text{H}_2\text{O}$
47. Lithium oxide + Water → Lithium hydroxide  
 $\text{Li}_2\text{O} + \text{H}_2\text{O} \rightarrow 2 \text{LiOH}$
48. Ammonium nitrate → Dinitrogen monoxide + water  
 $\text{NH}_4\text{NO}_3 \rightarrow \text{N}_2\text{O} + 2 \text{H}_2\text{O}$
49. Lead II nitrate → Lead II oxide + Nitrogen dioxide + Oxygen  
 $2 \text{Pb}(\text{NO}_3)_2 \rightarrow 2 \text{PbO} + 4 \text{NO}_2 + \text{O}_2$
50. Calcium chlorate → Calcium chloride + Oxygen  
 $\text{Ca}(\text{ClO}_3)_2 \rightarrow \text{CaCl}_2 + 3 \text{O}_2$