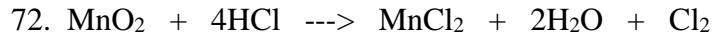
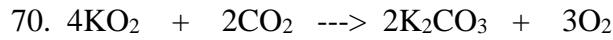
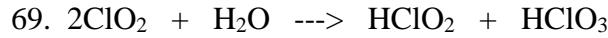
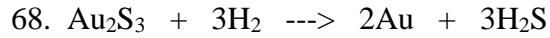
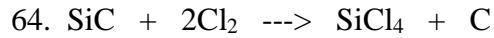
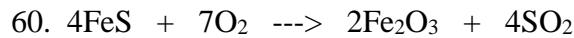
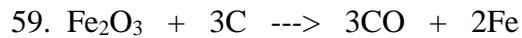
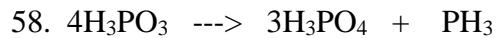
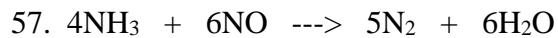
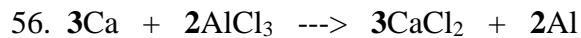
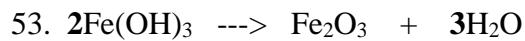
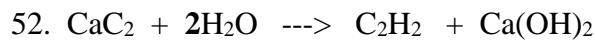


Balancing Chemical Equations 2



74. $\text{Ca}(\text{OH})_2 + \text{H}_3\text{PO}_4 \rightarrow \text{CaHPO}_4 + 2\text{H}_2\text{O}$
75. $\text{Zn} + 2\text{NaOH} + 2\text{H}_2\text{O} \rightarrow \text{Na}_2\text{Zn}(\text{OH})_4 + \text{H}_2$
76. $\text{SrBr}_2 + (\text{NH}_4)_2\text{CO}_3 \rightarrow \text{SrCO}_3 + 2\text{NH}_4\text{Br}$
77. $3\text{Hg}(\text{OH})_2 + 6\text{H}_3\text{PO}_4 \rightarrow \text{Hg}_3(\text{PO}_4)_2 + 6\text{H}_2\text{O}$
78. $2\text{Ca}_3(\text{PO}_4)_2 + 6\text{SiO}_2 + 10\text{C} \rightarrow 6\text{CaSiO}_3 + \text{P}_4 + 10\text{CO}$
79. $2\text{I}_4\text{O}_9 \rightarrow 2\text{I}_2\text{O}_6 + 2\text{I}_2 + 3\text{O}_2$ (this equation can be balanced with various sets of coefficients)
80. $2\text{C}_2\text{H}_3\text{Cl} + 5\text{O}_2 \rightarrow 4\text{CO}_2 + 2\text{H}_2\text{O} + 2\text{HCl}$
81. $2(\text{NH}_4)_2\text{Cr}_2\text{O}_7 \rightarrow 4\text{NH}_3 + 2\text{H}_2\text{O} + 2\text{Cr}_2\text{O}_3 + 3\text{O}_2$
82. $2\text{Al} + 2\text{NaOH} + 6\text{H}_2\text{O} \rightarrow 2\text{NaAl}(\text{OH})_4 + 3\text{H}_2$
83. $2\text{NH}_4\text{Cl} + \text{Ca}(\text{OH})_2 \rightarrow \text{CaCl}_2 + 2\text{NH}_3 + 2\text{H}_2\text{O}$
84. $3\text{Al} + 3\text{NH}_4\text{ClO}_4 \rightarrow \text{Al}_2\text{O}_3 + \text{AlCl}_3 + 3\text{NO} + 6\text{H}_2\text{O}$
85. $\text{H}_2\text{SO}_4 + 2\text{NaHCO}_3 \rightarrow \text{Na}_2\text{SO}_4 + 2\text{CO}_2 + 2\text{H}_2\text{O}$
86. $\text{Ca}_{10}\text{F}_2(\text{PO}_4)_6 + 7\text{H}_2\text{SO}_4 \rightarrow 3\text{Ca}(\text{H}_2\text{PO}_4)_2 + 7\text{CaSO}_4 + 2\text{HF}$
87. $\text{Ca}_3(\text{PO}_4)_2 + 2\text{H}_2\text{SO}_4 \rightarrow 2\text{CaSO}_4 + \text{Ca}(\text{H}_2\text{PO}_4)_2$
88. $\text{H}_3\text{PO}_4 + 12(\text{NH}_4)_2\text{MoO}_4 + 21\text{HNO}_3 \rightarrow (\text{NH}_4)_3\text{PO}_4(\text{MoO}_3)_{12} + 21\text{NH}_4\text{NO}_3 + 12\text{H}_2\text{O}$
89. $2\text{C}_4\text{H}_{10} + 4\text{Cl}_2 + 11\text{O}_2 \rightarrow 6\text{CO}_2 + 2\text{CCl}_4 + 10\text{H}_2\text{O}$
90. $2\text{C}_7\text{H}_{10}\text{N} + 21\text{O}_2 \rightarrow 14\text{CO}_2 + 10\text{H}_2\text{O} + 2\text{NO}_2$
91. $\text{H}_3\text{PO}_4 + 5\text{HCl} \rightarrow \text{PCl}_5 + 4\text{H}_2\text{O}$
92. $2\text{HCl} + \text{K}_2\text{CO}_3 \rightarrow 2\text{KCl} + \text{H}_2\text{O} + \text{CO}_2$
93. $\text{Ca}(\text{ClO}_3)_2 \rightarrow \text{CaCl}_2 + 3\text{O}_2$
94. $\text{C}_2\text{H}_5\text{OH} + 2\text{O}_2 \rightarrow 2\text{CO} + 3\text{H}_2\text{O}$
95. $\text{Xe} + 3\text{F}_2 \rightarrow \text{XeF}_6$
96. $\text{NH}_4\text{NO}_3 \rightarrow \text{N}_2\text{O} + 2\text{H}_2\text{O}$
97. $2\text{Au}_2\text{O}_3 \rightarrow 4\text{Au} + 3\text{O}_2$

