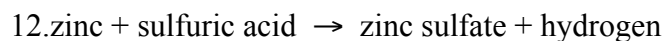
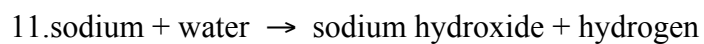
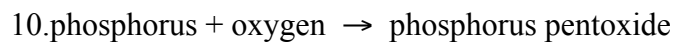
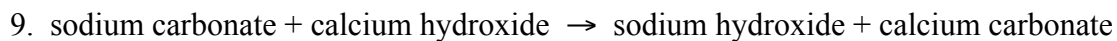
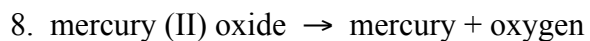
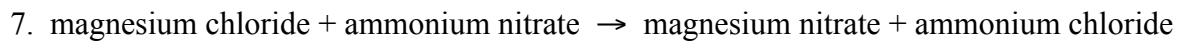
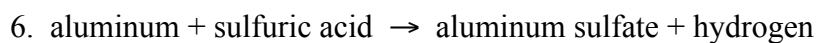
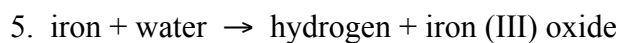
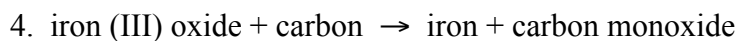
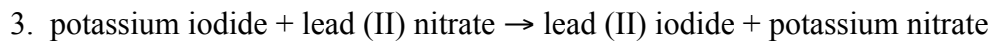
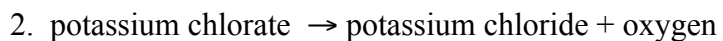


Chemical Reactions. Balance Each Equation.



13. calcium oxide + water → calcium hydroxide

14. iron + copper (I) nitrate → iron (II) nitrate + copper

15. potassium oxide + water → potassium hydroxide

16. ammonium sulfide + lead (II) nitrate → ammonium nitrate + lead (II) sulfide

17. mercury (II) hydroxide + phosphoric acid → mercury (II) phosphate + water

18. potassium hydroxide + phosphoric acid → potassium phosphate + water

19. calcium chloride + nitric acid → calcium nitrate + hydrochloric acid

20. potassium carbonate + barium chloride → potassium chloride + barium carbonate

21. magnesium hydroxide + sulfuric acid → magnesium sulfate + water

22. sulfur dioxide + water → sulfurous acid

23. sodium carbonate + hydrochloric acid → sodium chloride + water + carbon dioxide

24. magnesium + nitric acid → magnesium nitrate + hydrogen

25. potassium phosphate + magnesium chloride → magnesium phosphate + potassium chloride

26. aluminum + iron (III) oxide → aluminum oxide + iron

27. ammonia + oxygen → nitrogen + water

28. calcium carbonate → calcium oxide + carbon dioxide

29. sodium chloride + sulfuric acid → sodium sulfate + hydrochloric acid

30. fluorine + sodium hydroxide → sodium fluoride + oxygen + water

31. magnesium nitrate + calcium iodide → calcium nitrate + magnesium iodide

32. aluminum sulfate + ammonium bromide → aluminum bromide + ammonium sulfate

33. potassium fluoride + barium bromide → barium fluoride + potassium bromide

34. copper (II) nitrate + ammonium hydroxide → copper (II) hydroxide + ammonium nitrate

35. sodium nitrate → sodium nitrite + oxygen

36. lead (II) hydroxide → lead (II) oxide + water

37.ammonia + sulfuric acid → ammonium sulfate

38.hydrochloric acid + ammonia → ammonium chloride

39.copper (II) sulfate + iron → iron (II) sulfate + copper

40.aluminum + hydrochloric acid → aluminum chloride + hydrogen

41.carbon + oxygen → carbon dioxide

42.calcium bicarbonate + calcium hydroxide → calcium carbonate + water

43.hydrogen sulfide + oxygen → water + sulfur

44.sodium hydroxide + calcium nitrate → sodium nitrate + calcium hydroxide

45.potassium iodide + chlorine → potassium chloride + iodine

46.sulfuric acid + potassium hydroxide → potassium sulfate + water

47.carbon dioxide + carbon → carbon monoxide

48.calcium sulfate + sodium carbonate → calcium carbonate + sodium sulfate

49. water + diphosphorous pentoxide \rightarrow phosphoric acid

50. aluminum + phosphoric acid \rightarrow hydrogen + aluminum phosphate

51. ammonium chloride + sodium nitrite \rightarrow sodium chloride + nitrogen + water

52. chlorine + sodium hydroxide \rightarrow sodium chloride + sodium hypochlorite + water

53. lead (II) nitrate \rightarrow lead (II) oxide + nitrogen dioxide + oxygen

54. mercury (I) oxide + oxygen \rightarrow mercury (II) oxide

55. calcium oxide + magnesium chloride \rightarrow magnesium oxide + calcium chloride

56. calcium + water \rightarrow calcium hydroxide + hydrogen

57. chromium (III) chloride + sulfuric acid \rightarrow chromium (III) sulfate + hydrochloric acid

58. iron (III) nitrate + ammonium hydroxide \rightarrow iron (III) hydroxide + ammonium nitrate

59. aluminum chloride + potassium phosphate \rightarrow aluminum phosphate + potassium chloride

60. aluminum oxide + carbon + chlorine \rightarrow carbon monoxide + aluminum chloride

61. copper (I) oxide + hydrochloric acid \rightarrow copper (I) chloride + water

62. magnesium bicarbonate + hydrochloric acid \rightarrow magnesium chloride + water + carbon dioxide

63. iron + oxygen \rightarrow iron (III) oxide

64. silicon + water \rightarrow silicon dioxide + hydrogen

65. iron (III) oxide + carbon monoxide \rightarrow iron + carbon dioxide

66. calcium chloride + chromium (III) nitrate \rightarrow calcium nitrate + chromium (III) chloride

67. zinc sulfide + oxygen \rightarrow zinc oxide + sulfur dioxide

68. calcium phosphate + sulfuric acid \rightarrow calcium sulfate + phosphoric acid

69. iron (III) hydroxide \rightarrow iron (III) oxide + water

70. aluminum sulfate + sodium bicarbonate \rightarrow aluminum oxide + sodium sulfate + carbon dioxide + water

71. calcium phosphate + silicon dioxide + carbon \rightarrow phosphorus + calcium silicate + carbon monoxide

72. calcium oxide + sulfur dioxide \rightarrow calcium sulfite

73. carbon dioxide + magnesium hydroxide → magnesium carbonate + water

74. calcium oxide + hydrochloric acid → calcium chloride + water

75. calcium carbonate + silicon dioxide → calcium silicate + carbon dioxide

76. antimony + chlorine → antimony (III) chloride

77. magnesium nitride + water → magnesium hydroxide + ammonia

78. arsenic + oxygen → arsenic (III) oxide

79. ammonium bicarbonate → ammonia + water + carbon dioxide

80. copper (II) oxide + ammonia → copper + water + nitrogen

81. ammonium dichromate → chromium (III) oxide + nitrogen + water

82. hydrogen sulfide + cadmium nitrate → nitric acid + cadmium sulfide

83. barium bromide + sodium phosphate → barium phosphate + sodium bromide

84. aluminum chloride + ammonium fluoride → ammonium chloride + aluminum fluoride

85. silver nitrate + potassium sulfate → silver sulfate + potassium nitrate

86. bismuth (III) nitrate + calcium iodide → bismuth (III) iodide + calcium nitrate

87. aluminum chromate + ammonium sulfate → ammonium chromate + aluminum sulfate

88. zinc nitrate + ammonium bromide → zinc bromide + ammonium nitrate

89. bismuth (V) nitrate + ammonium hydroxide → bismuth (V) hydroxide + ammonium nitrate

90. cadmium nitrate + sulfuric acid → cadmium sulfate + nitric acid

91. zinc + silver iodide → zinc iodide + silver

92. iron (III) chloride + sulfuric acid → iron (III) sulfate + hydrochloric acid

93. bismuth (III) sulfate + ammonium hydroxide → bismuth (III) hydroxide + ammonium sulfate

94. hydrogen iodide + oxygen → iodine + water

95. potassium sulfate + barium chloride → barium sulfate + potassium chloride

96. barium sulfate + carbon → barium sulfide + carbon monoxide

97. aluminum oxide + hydrofluoric acid → aluminum fluoride + water

98. potassium iodide + hydrogen peroxide → potassium hydroxide + iodine

99. zinc + iron (III) sulfate → zinc sulfate + iron (II) sulfate

100. lead (II) sulfide + lead (II) oxide → lead + sulfur dioxide

101. copper + sulfuric acid → copper (II) sulfate + water + sulfur dioxide

102. aluminum hydroxide → aluminum oxide + water

103. nitrogen + hydrogen → ammonia

104. sodium carbonate + carbonic acid → sodium bicarbonate

105. silicon dioxide + hydrofluoric acid → water + silicon tetrafluoride

106. sodium hypochlorite → sodium chloride + sodium chlorate

107. sodium chlorite + chlorine → sodium chloride + chlorine dioxide

108. methane (CH₄) + sulfur dioxide → hydrogen sulfide + carbon dioxide + hydrogen

109. iron (II) selenide + hydrochloric acid → iron (II) chloride + hydrogen selenide

110. magnesium + nitrogen → magnesium nitride

111. silver cyanide + potassium → potassium cyanide + silver

112. tungsten + chlorine → tungsten hexachloride

113. calcium + ammonia → calcium hydride + nitrogen

114. lithium hydride + water → lithium hydroxide + hydrogen

115. aluminum + hydrochloric acid →

116. calcium hydroxide + nitric acid →

117. magnesium + zinc nitrate →

118. zinc chloride + hydrogen sulfide →

119. dinitrogen pentoxide + water →

120. silver nitrate + sodium chloride →

121. barium nitrate + sodium chromate →

122. calcium phosphate + aluminum sulfate →

123. sodium chloride →

124. sulfur dioxide + water →

125. magnesium + hydrochloric acid →

126. ammonium nitrite + barium hydroxide →

127. barium oxide + water →

128. calcium + oxygen →

129. calcium + phosphoric acid →

130. calcium chloride + ammonium hydroxide →

131. aluminum sulfide + hydrochloric acid →

132. sodium carbonate + sulfuric acid →

133. lithium + bromine →

134. sulfur trioxide + water →

135. calcium carbonate + hydrochloric acid →

136. zinc + sulfuric acid →

137. lead (II) hydroxide + hydrochloric acid →

138. iron (II) carbonate + phosphoric acid →

139. silver sulfide + hydrochloric acid →

140. magnesium nitrate + hydrochloric acid →

141. zinc hydroxide + sulfuric acid →

142. calcium oxide + water →

143. sodium chloride + potassium nitrate →

144. lithium hydroxide + phosphoric acid →