1. $\int \frac{(1-x)^2}{x\sqrt{x}}\,dx;$

2. $\int \frac{(1+\sqrt{x})^3}{\sqrt[3]{x}}\,dx;$

3. $\int \frac{\sqrt{x}-x^3e^x+x^2}{x^3}\,dx;$

4. $\int \mathrm{tg}^2 x\cdot dx;$

5. $\int \frac{1+\cos^2 x}{1+\cos 2x}\,dx;$

6. $\int \frac{\cos 2x}{\cos^2 x\cdot \sin^2 x}\,dx;$

7. $\int \frac{x^4}{x^2+1}\,dx;$

8. $\int \frac{(1+2x^2)dx}{x^2(1+x^2)};$

9. $\int \frac{dx}{(2x-5)^5};$

10. $\int \frac{dx}{\sqrt{4x+3}};$

11. $\int \sqrt[3]{(2x+7)^2}\,dx;$

12. $\int e^{-x/2}dx;$

13. $\int e^{-3x+2}dx;$

14. $\int \frac{xdx}{\sqrt{9+x^2}};$

15. $\int \frac{xdx}{\sqrt{9-x^2}};$

16. $\int \frac{x^3dx}{\sqrt[3]{x^4+1}};$

17. $\int \frac{\sqrt[3]{\ln x}}{x}\,dx;$

18. $\int \frac{\sin x\cdot dx}{\cos^7 x};$

19. $\int \mathrm{tg}\,x\cdot dx;$

20. $\int \frac{dx}{\cos^2 x\cdot\sqrt{1+\mathrm{tg}\,x}};$

21. $\int e^{\sin x}\cdot\cos x\cdot dx;$

22. $\int x^2e^{-x^3}dx;$

23. $\int \frac{4e^x}{3+e^x}\,dx;$

24. $\int \frac{e^x}{3+4e^x}\,dx;$

25. $\int (2x+1)e^{x^2+x+3}\cdot dx;$

26. $\int \frac{e^x\cdot dx}{e^{2x}+4};$

27. $\int \frac{e^{2x}\cdot dx}{\sqrt{1+e^{2x}}};$

28. $\int \frac{e^x\cdot dx}{\sqrt{1+e^{2x}}};$

29. $\int \frac{e^x\cdot dx}{\sqrt{1-e^{2x}}};$

30. $\int \frac{e^{\mathrm{tg}\,x}\cdot dx}{\cos^2 x};$

31. $\int \sqrt[3]{\sin^2 2x}\cdot\cos 2x\cdot dx;$

32. $\int \cos\frac{6}{x^2}\cdot\frac{dx}{x^3};$

33. $\int \frac{dx}{(1+x^2)\,\mathrm{arctg}^3 x};$

34. $\int \frac{\ln^3 x-3}{x\cdot\sqrt{\ln x}}\,dx;$

35. $\int \frac{\sqrt[4]{\mathrm{arctg}\,x}}{1+x^2}\,dx;$

36. $\int \frac{(x-\mathrm{arctg}\,x)dx}{1+x^2};$

37. $\int \frac{dx}{\arcsin x\cdot\sqrt{1-x^2}};$

38. $\int \sqrt{\frac{\arcsin x}{1-x^2}}\cdot dx;$

39. $\int \frac{dx}{\sqrt{1-25x^2}};$

40. $\int \frac{x^5}{x^6+4}\,dx;$

41. $\int \frac{x^2}{x^6+4}\,dx;$

42. $\int \frac{x^2}{\sqrt{x^6+4}}\,dx;$

43. $\int \frac{dx}{x\cdot\ln^2 x};$

44. $\int \frac{\mathrm{ctg}\,x}{\ln\sin x}\,dx;$

45. $\int \frac{x(1-x^2)}{1+x^4}\,dx;$

46. $\int \frac{2x-\arcsin x}{\sqrt{1-x^2}}\,dx;$

47. $\int x\sin 2x\cdot dx;$

48. $\int x\cdot\mathrm{arctg}\,x\cdot dx;$

49. $\int x^2\cdot\ln(1+x)\cdot dx;$

50. $\int 8x^2\cdot e^{-2x}dx;$

51. $\int (x^2-4x)\cdot e^{2x}\,dx;$

52. $\int \sqrt[3]{x^2}\cdot\ln x\cdot dx;$

53. $\int \ln(x+\sqrt{x^2+1})\,dx;$

54. $\int \frac{\ln^2 x}{\sqrt{x^5}}dx;$

55. $\int \frac{\ln^2 x}{x}dx;$

56. $\int \frac{\ln x}{x^2}dx;$

57. $\int \frac{x+1}{x\sqrt{x-2}}dx;$

58. $\int \frac{2x-5}{x\sqrt{3x+4}}dx;$

59. $\int \frac{dx}{\sqrt{1+e^x}};$

60. $\int \frac{\ln(\operatorname{tg} x)}{\sin x\cdot\cos x}dx;$

61. $\int e^{\sqrt{x}}\cdot dx;$

62. $\int \frac{dx}{x^2-8x+20};$

63. $\int \frac{(x-4)dx}{x^2-6x+13};$

64. $\int \frac{(x+5)dx}{x^2-8x+7};$

65. $\int \frac{2x^2+41x-91}{(x-1)(x+3)(x-4)}dx;$

66. $\int \frac{x^5+x^4-8}{x^3-4x}dx;$

67. $\int \frac{dx}{x^3-4x^2+3x};$

68. $\int \frac{x}{x^4-3x^2+2}dx;$

69. $\int \frac{x^3+1}{x^3-x^2}dx;$

70. $\int \frac{2x+1}{x^3+x}dx;$

71. $\int \frac{dx}{x^4-x^2};$

72. $\int \frac{2x^2-2x-3}{x^4+x^2}dx;$

73. $\int \frac{3x^2+1}{(x^2-1)^2}dx;$

74. $\int \frac{x^2}{1-x^4}dx;$

75. $\int \frac{dx}{(x^2+1)(x^2+x)};$

76. $\int \frac{x^2+15x-24}{x^3-7x+6}dx;$

77. $\int \frac{2x^2-3x-3}{(x-1)(x^2-2x+5)}dx;$

78. $\int \frac{2x^2-7x-3}{(x-1)(x^2+2x+5)}dx;$

79. $\int \frac{25-11x}{(x+1)(x^2-4x+13)}dx;$

80. $\int \frac{2x^2-x-41}{x^3+x^2+15x-17}dx;$

81. $\int \frac{x^3-6}{x^4+6x^2+8}dx;$

82. $\int \frac{x}{\sqrt{1+x}+\sqrt[3]{1+x}}dx;$

83. $\int \sqrt{\frac{1-x}{1+x}}\cdot\frac{dx}{x};$

84. $\int \frac{\sqrt{x}}{\sqrt[3]{x^2}-\sqrt[4]{x}}dx;$

85. $\int x^5\cdot\sqrt[3]{(1+x^3)^2}\cdot dx;$

86. $\int \frac{x-3}{\sqrt{3-2x-x^2}}dx;$

87. $\int \frac{6x-5}{\sqrt{3x^2-5x+6}}dx;$

88. $\int \frac{\cos x}{\sin^2 x}dx;$

89. $\int \frac{\sin^3 x}{\cos^4 x}dx;$

90. $\int \frac{\sin^3 x}{\cos^5 x}dx;$

91. $\int \frac{\sin^4 x}{\cos^6 x}dx;$

92. $\int \frac{\sin^4 x}{\cos^8 x}dx;$

93. $\int \frac{dx}{\cos x\cdot\sin^3 x};$

94. $\int \operatorname{tg}^5 x dx;$

95. $\int \frac{dx}{5+3\cos x};$

96. $\int \frac{dx}{5-3\cos x};$

97. $\int \frac{dx}{4+5\sin x};$

98. $\int \frac{2-\sin x}{2+\cos x}dx;$

99. $\int \frac{dx}{\sqrt[4]{\sin^3 x\cos^5 x}};$

100. $\int \sin^4 x\, dx;$

101. $\int \frac{dx}{(3x-1)^2};$

102. $\int \frac{dx}{3x-1};$

103. $\int \sqrt[4]{(3x-1)^3}dx;$

104. $\int \frac{\ln(x+4)}{\sqrt{x+4}}dx;$

105. $\int \frac{\arcsin x}{x^2}dx;$

106. $\int \frac{x^3 dx}{\sqrt[4]{x^2+1}}$;

107. $\int \frac{(6x+5)dx}{\sqrt{x^2-5x+9}}$;

108. $\int \frac{(x-2)dx}{\sqrt{5+4x-x^2}}$;

109. $\int \frac{(x^2-2x)dx}{\sqrt[3]{x^3-3x^2+10}}$;

110. $\int \frac{x-6}{\sqrt{1+x}+\sqrt[3]{1+x}}dx$;

111. $\int \sqrt{\frac{x+2}{x-2}} \cdot \frac{dx}{(x-2)^2}$;

112. $\int \frac{e^{3x}dx}{e^x+1}$;

113. $\int e^{x^2+\ln x}dx$;

114. $\int e^{x+\ln x}dx$;

115. $\int \frac{x^4 dx}{x^{10}-9}$;

116. $\int x^5 e^{-x^3}dx$;

117. $\int \frac{e^{2x}}{\sqrt[4]{e^x+3}}dx$;

118. $\int \frac{\ln\cos x}{\cos^2 x}dx$;

119. $\int \frac{\operatorname{arctg} x}{(1+x)^2}dx$;

120. $\int \frac{\arcsin x}{\sqrt{x+1}}dx$;

121. $\int \arccos x \cdot dx$;

122. $\int \ln^2 x \cdot dx$;

123. $\int \frac{e^x dx}{\sqrt{e^{2x}+2e^x+2}}$;

124. $\int \frac{e^{3x}+e^x}{e^{4x}-2e^{2x}+1}dx$;

125. $\int \sqrt{\frac{\sin^5 x}{\cos^{23} x}}dx$;

126. $\int \frac{\cos^3 x}{\sqrt[3]{\sin^8 x}}dx$;

127. $\int \frac{2-3x+4x^3}{\sqrt{1-x^2}}dx$;

128. $\int \frac{(5x^2+2)dx}{\sqrt{2x-3}}$;

129. $\int (8x-3)\sqrt{2x+5}\,dx$;

130. $\int \frac{x^5 dx}{\sqrt{x^2-5}}$;

131. $\int \frac{x^7 dx}{\sqrt[5]{2x^4+9}}$;

132. $\int \frac{x^7 dx}{\sqrt[5]{9-x^4}}$;

133. $\int \frac{\sqrt[3]{\ln^4 x}}{x}dx$;

134. $\int \frac{dx}{\arcsin^3 x \cdot \sqrt{1-x^2}}$;

135. $\int \frac{\operatorname{tg}^5 x}{\cos^4 x}dx$;

136. $\int \frac{\sqrt{\operatorname{tg} x+1}}{\sin x \cos x}dx$;

137. $\int \frac{\cos x}{\sqrt[3]{\sin^2 x}}dx$;

138. $\int \frac{e^x}{3e^x+5}dx$;

139. $\int \frac{\operatorname{arctg}^3 x}{1+x^2}dx$;

140. $\int \frac{x^3 dx}{\sqrt{25-x^8}}$;

141. $\int x^2 \sin 4x \cdot dx$;

142. $\int x^2 \cos 0,5x\,dx$;

143. $\int 3x^2 \operatorname{arctg} x \cdot dx$;

144. $\int x\ln(x+2) \cdot dx$;

145. $\int \frac{\ln^2 x}{\sqrt{x^3}}dx$;

146. $\int \frac{\ln(x+2)}{x^2}dx$;

147. $\int \frac{x+7}{x\sqrt{x+4}}dx$;

148. $\int \frac{dx}{x^2-10x+29}$;

149. $\int \frac{8x+1}{(x-3)(x+2)}dx$;

150. $\int \frac{(3x-7)dx}{(x-1)(x-2)(x-3)}$;

151. $\int \frac{3x^2+13x+40}{(x+3)(x+1)(x-4)}dx$;

152. $\int \frac{3x^2-2x+1}{x^3-x^2}dx$;

153. $\int \frac{4x+5}{x^3+x}dx$;

154. $\int \frac{e^{4x} \cdot dx}{e^{2x}+4e^x+4}$;

155. $\int \frac{\ln(x+1)}{(x+3)^2}dx$

156. $\int \frac{x^2-x+2}{\sqrt{(x-2)^3}}dx$.

157. $\int \frac{x \cdot dx}{\cos^2(x^2+1)}$;