1. $\displaystyle\int \frac{1}{\sqrt{x}(1+x)}\,dx$

2. $\displaystyle\int \frac{\sec^2(x)}{1+\tan(x)}\,dx$

3. $\displaystyle\int \sin(x)\sec(x)\,dx$

4. $\displaystyle\int \frac{\csc(x)\cot(x)}{1+\csc^2(x)}\,dx$

5. $\displaystyle\int \frac{\tan(x)}{\cos^2(x)}\,dx$

6. $\displaystyle\int \csc^4(x)\,dx$

7. $\displaystyle\int x\tan^2(x)\,dx$

8. $\displaystyle\int x^2\cos^2(x)\,dx$

9. $\displaystyle\int x^5\sqrt{2-x^3}\,dx$

10. $\displaystyle\int \frac{1}{\sqrt{x^2+4}}\,dx$

11. $\displaystyle\int \frac{x^2}{\sqrt{25+x^2}}\,dx$

12. $\displaystyle\int \cos(x)\sqrt{4-\sin^2(x)}\,dx$

13. $\displaystyle\int \frac{1}{x^2-x+1}\,dx$

14. $\displaystyle\int \sqrt{x^2+x+1}\,dx$

15. $\displaystyle\int \frac{5x+31}{3x^2-4x+11}\,dx$

16. $\displaystyle\int \frac{x^4+1}{x^2+2}\,dx$

17. $\displaystyle\int \frac{1}{5+4\cos(x)}\,dx$

18. $\displaystyle\int \frac{\sqrt{x}}{1+x}\,dx$

19. $\displaystyle\int \frac{\cos(x)}{\sqrt{4-\sin^2(x)}}\,dx$

20. $\displaystyle\int \frac{\cos(2x)}{\cos(x)}\,dx$

21. $\displaystyle\int \frac{\tan(x)}{\ln(\cos(x))}\,dx$

22. $\displaystyle\int \frac{x^7}{\sqrt{1-x^4}}\,dx$

23. $\displaystyle\int \ln(1+x)\,dx$

24. $\displaystyle\int x\sec^{-1}(x)\,dx$

25. $\displaystyle\int \sqrt{x^2+9}\,dx$

26. $\displaystyle\int \frac{x^2}{\sqrt{4-x^2}}\,dx$

27. $\displaystyle\int \sqrt{2x-x^2}\,dx$

28. $\displaystyle\int \frac{4x-2}{x^3-x}\,dx$

29. $\displaystyle\int \frac{x^4}{x^2-2}\,dx$

30. $\displaystyle\int \frac{\sec(x)\tan(x)}{\sec(x)+\sec^2(x)}\,dx$

31. $\displaystyle\int \frac{x}{(x^2+2x+2)^2}\,dx$

32. $\displaystyle\int \frac{x^{1/3}}{x^{1/2}+x^{1/4}}\,dx$

33. $\displaystyle\int \frac{1}{1+\cos(2x)}\,dx$

34. $\displaystyle\int \frac{\sec(x)}{\tan(x)}\,dx$

35. $\displaystyle\int \sec^3(x)\tan^3(x)\,dx$

36. $\displaystyle\int x^2\tan^{-1}(x)\,dx$

37. $\displaystyle\int x\ln^3(x)\,dx$

38. $\displaystyle\int \frac{1}{x\sqrt{1+x^2}}\,dx$

39. $\displaystyle\int e^x\sqrt{1+e^{2x}}\,dx$

40. $\displaystyle\int \frac{x}{\sqrt{4x-x^2}}\,dx$

41. $\displaystyle\int \frac{1}{x^3\sqrt{x^2-9}}\,dx$

42. $\displaystyle\int \frac{x}{(7x+1)^{17}}\,dx$

43. $\displaystyle\int \frac{4x^2+x+1}{4x^3+x}\,dx$

44. $\displaystyle\int \frac{4x^3-x+1}{x^3+1}\,dx$

45. $\displaystyle\int \tan^2(x)\sec(x)\,dx\text{a}$

46. $\displaystyle\int \frac{x^2+2x+2}{(x+1)^3}\,dx$

47. $\displaystyle\int \frac{x^4+2x+2}{x^5+x^4}\,dx$

48. $\displaystyle\int \frac{8x^2-4x+7}{(x^2+1)(4x+1)}\,dx$

49. $\displaystyle\int \frac{3x^5-x^4+2x^3-12x-2x+1}{(x^3-1)^2}\,dx$

50. $\displaystyle\int \frac{x}{x^4+4x^2+8}\,dx$

51. $\displaystyle\int \frac{1}{4+5\cos(x)}\,dx$

52. $\displaystyle\int \frac{(1+x^{2/3})^{3/2}}{x^{1/3}}\,dx$

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

54. $\displaystyle\int \frac{1}{x^{3/2}(1+x^{1/3})}\,dx$

55. $\displaystyle\int \tan^3(x)\,dx$

56. $\displaystyle\int \sin^2(x)\cos^4(x)\,dx$

57. $\displaystyle\int \frac{xe^{x^2}}{1+e^{2x^2}}\,dx$

58. $\displaystyle\int \frac{\cos^3(x)}{\sqrt{\sin(x)}}\,dx$

59. $\displaystyle\int x^3 e^{-x^2}\,dx$

60. $\displaystyle\int \sin(\sqrt{x})\,dx$

61. $\displaystyle\int \frac{\sin^{-1}(x)}{x^2}\,dx$

62. $\displaystyle\int \sqrt{x^2-9}\,dx$

63. $\displaystyle\int x^2\sqrt{1-x^2}\,dx$

64. $\displaystyle\int x\sqrt{2x-x^2}\,dx$

65. $\displaystyle\int \frac{x-2}{4x^2+4x+1}\,dx$

66. $\displaystyle\int \frac{2x^2-5x-1}{x^3-2x^2-x+2}\,dx$

67. $\displaystyle\int \frac{e^{2x}}{e^{2x}-1}\,dx$

68. $\displaystyle\int \frac{\cos(x)}{\sin^2(x)-3\sin(x)+2}\,dx$

69. $\displaystyle\int \frac{2x^3+3x^2+4}{(x+1)^4}\,dx$

70. $\displaystyle\int \frac{\sec^2(x)}{\tan^2(x)+2\tan(x)+2}\,dx$

71. $\displaystyle\int \frac{x^3+x^2+2x+1}{x^4+2x^2+1}\,dx$

72. $\displaystyle\int \frac{3+\cos(x)}{2-\cos(x)}\,dx$

73. $\displaystyle\int x^5\sqrt{x^3-1}\,dx$

74. $\displaystyle\int \frac{1}{2+2\cos(x)+\sin(x)}\,dx$

75. $\displaystyle\int \frac{\sqrt{1+\sin(x)}}{\sec(x)}\,dx$

76. $\displaystyle\int \frac{1}{x^{2/3}(1+x^{2/3})}\,dx$

77. $\displaystyle\int \frac{\sin(x)}{\sin(2x)}\,dx$

78. $\displaystyle\int \sqrt{1+\cos(x)}\,dx$

79. $\displaystyle\int \sqrt{1+\sin(x)}\,dx$

80. $\displaystyle\int \frac{\sec^2(x)}{1-\tan^2(x)}\,dx$

81. $\displaystyle\int \ln(x^2+x+1)\,dx$

82. $\displaystyle\int e^x \sin^{-1}(e^x)\,dx$

83. $\displaystyle\int \frac{\tan^{-1}(x)}{x^2}\,dx$

84. $\displaystyle\int \frac{x^2}{\sqrt{x^2-25}}\,dx$

85. $\displaystyle\int \frac{x^3}{(x^2+1)^2}\,dx$

86. $\displaystyle\int \frac{1}{x\sqrt{6x-x^2}}\,dx$

87. $\displaystyle\int \frac{3x+2}{(x^2+4)^{3/2}}\,dx$

88. $\displaystyle\int x^{3/2}\ln(x)\,dx$

89. $\displaystyle\int \frac{\sqrt{1+\sin^2(x)}}{\sec(x)\csc(x)}\,dx$

90. $\displaystyle\int \frac{e^{\sqrt{\sin(x)}}}{\sec(x)\sqrt{\sin(x)}}\,dx$

91. $\displaystyle\int xe^x\sin(x)\,dx$

92. $\displaystyle\int x^2 e^{x^{3/2}}\,dx$

93. $\displaystyle\int \frac{\tan^{-1}(x)}{(x-1)^3}\,dx$

94. $\displaystyle\int \ln(1+\sqrt{x})\,dx$

95. $\displaystyle\int \frac{2x+3}{\sqrt{3+6x-9x^2}}\,dx$

96. $\displaystyle\int \frac{1}{2+2\sin(x)+\cos(x)}\,dx$

97. $\displaystyle\int \frac{\sin^3(x)}{\cos(x)-1}\,dx$

98. $\displaystyle\int x^{2/3}\tan^{-1}(x^{1/2})\,dx$

99. $\displaystyle\int \sec^{-1}\sqrt{x}\,dx$

100. $\displaystyle\int x\left(\frac{1-x^2}{1+x^2}\right)^{1/2}\,dx$