1. $\int \sqrt[3]{(4+x)^2}\ dx$

2. $\int \sin(x)\cos(x)\ dx$

3. $\int \sin^2 x\ dx$

4. $\int \cos^2 x\ dx$

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

6. $\int \frac{x^2}{(a+x)^4}\ dx$

7. $\int \frac{x}{\sqrt{1-x}}\ dx$

8. $\int x\sqrt{a+x}\ dx$

9. $\int x\sqrt[3]{a-x}\ dx$

10. $\int x^2\sqrt{1-x}\ dx$

11. $\int x(x^2-1)^3\ dx$

12. $\int x\sqrt{a^2-x^2}\ dx$

13. $\int \frac{x}{\sqrt{a^2-x^2}}\ dx$

14. $\int \frac{x}{(1-x)^2}\ dx$

15. $\int \frac{\ln x}{x}\ dx$

16. $\int x\sin(2x)\ dx$

17. $\int x\sin(1-x^2)\ dx$

18. $\int \frac{x}{\sqrt{1-x^4}}\ dx$

19. $\int e^{\cos x}\sin x\ dx$

20. $\int \sin^4(x)\ dx$

21. $\int \frac{\ln x}{\sqrt{x}}\ dx$

22. $\int \frac{e^x}{2e^x-1}\ dx$

23. $\int \frac{x}{\cos^2(\pi x^2)}\ dx$

24. $\int x^2(x^3-1)^4\ dx$

25. $\int \frac{(\ln x)^2}{x}\ dx$

26. $\int \frac{e}{a-e^x}\ dx$

27. $\int x^2\sin(ax)\ dx$

28. $\int x\ln(1+x^2)\ dx$

29. $\int \frac{\sqrt{\tan x}}{\cos^2 x}\ dx$

30. $\int \frac{1}{e^{ax+b}}\ dx$

31. $\int \frac{\cos x}{\sqrt{1-\sin x}}\ dx$

32. $\int x^2\sin x\ dx$

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

34. $\int \frac{x^2}{(a-x)^3}\ dx$

35. $\int \frac{e^{\sqrt{x}}}{\sqrt{x}}\ dx$

36. $\int \frac{(1-\cot x)^2}{\sin^2 x}\ dx$

37. $\int x^3\sqrt{x^4-a^4}\ dx$

38. $\int \sin^4 x\cos x\ dx$

39. $\int \frac{e^x-e^{-x}}{e^x+e^{-x}}\ dx$

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

41. $\int e^x\cos x\ dx$

42. $\int \sin^3 x\ dx$

43. $\int \cos x\sqrt{1-\sin x}\ dx$

44. $\int \frac{\sin x}{\cos^3 x}\ dx$

45. $\int \tan x\ln(\cos x)\ dx$

46. $\int \frac{\sqrt{\ln x}}{x}\ dx$

47. $\int xe^{x^2}\ dx$

48. $\int x^2\cos x\ dx$

49. $\int x^2 e^x\ dx$

50. $\int xe^{-x}\ dx$

51. $\int (\ln x)^2\ dx$

52. $\int e^x\sin x\ dx$

53. $\int x^2 a^{x^3}\ dx$

54. $\int \sqrt{x\sqrt{x\sqrt{x}}}\ dx$

55. $\int \frac{x^2-x+1}{\sqrt{x}}\ dx$

56. $\int \frac{x^2}{\sqrt{a^2-x^2}}\ dx$

57. $\int \frac{\ln(x-1)}{(x-1)^3}\ dx$

58. $\int x^4 e^{2x}\ dx$