

*B*iN*G* ⊗

1. $\int x^2 dx$

2. $\int 2x - 1 dx$

3. $\int \sin(x) dx$

$$4. \int \sqrt{x} + \sqrt[3]{x} dx$$

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

6. $\int x^{-5/4} + 1 dx$

$$7. \int \frac{\csc(x) \cot(x)}{2} dx$$

8. $\int x\sqrt{2x+1} dx$

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

10. $\int \sec(2x) \tan(2x) dx$

11. $\int 7\sqrt{7x-5} dx$

12. $\int \frac{1}{\sqrt{5x+8}} dx$

13. $\int \sqrt{3 - 2s} \, ds$

14. $\int \cos(x) \sqrt{\sin(x)} dx$

15. $\int \frac{1}{x \ln(x)} dx$

16. $\int_0^1 x^2 dx$

17. $\int_{-1}^1 x^{299} dx$

18. $\int_0^2 x(x - 3) dx$

19. $\int x\sqrt{5x+8} dx$

20. $\int_3^5 \frac{1}{x} dx$

21. $\int_1^e \frac{1}{x} dx$

$$22. \int (3x^2 + 1)\sqrt{x^3 + x} dx$$

$$23. \int \sec^2(x) dx$$

$$24. \int e^{15x} dx$$

$$25. \int \cos(x)e^{\sin(x)} dx$$

$$26. \int \frac{1}{25 + x^2} dx$$

27. $\int x^4 \cos(x^5) dx$

$$28. \int \frac{5x^3}{x^4} dx$$

$$29. \int 5x^3 + 2x^2 - 1 + \frac{1}{x^2} dx$$

$$30. \int \sqrt{x^7} dx$$

$$31. \int (x^2 - 1)(x + 2) dx$$

$$32. \int \sqrt{x} \left(x^3 + \frac{1}{x} \right) dx$$

33. $\int \sin(x) + 10 \csc^2(x) dx$

34. $\int \frac{2x + 3}{4x^2 + 6x - 1} dx$