

Evaluate each indefinite integral.

1. $\int -3 dx$

2. $\int 5x dx$

3. $\int 24x^3 dx$

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

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

6. $\int (12x^5 - 10x^4 - x^3) dx$

7. $\int -\frac{14x^{\frac{5}{2}}}{2} dx$

8. $\int \left(-\frac{4}{x^3} - \frac{8}{x^5} \right) dx$

9. $\int \left(\frac{15}{x^4} + \frac{8}{x^5} \right) dx$

10. $\int -\frac{5\sqrt[3]{x^2}}{3} dx$

11. $\int e^x dx$

12. $\int -10 \cos x dx$

13. $\int x^{-1} dx$

14. $\int \frac{3}{x} dx$

15. $\int \frac{e^x}{4} dx$

16. $\int \sqrt{3} \sin x dx$

17. $\int \left(4\sqrt[4]{x^5} - e^x \right) dx$

18. $\int (2 \sin x + 3 \cos x) dx$

19. $\int \frac{1 - e^t + \cos t}{5} dx$

20. $\int \left(x^2 + x + 1 + \frac{1}{x} + \frac{1}{x^2} \right) dx$