

Find the indefinite integral

1. $\int 2dx$

2. $\int (24 - 5x)dx$

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

4. $\int (10x^9 + 3x^5)dx$

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

6. $\int (x^{4/3})dx$

7. $\int \left(\frac{1}{3}x^{5/2}\right)dx$

8. $\int (x^{-4})dx$

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

10. $\int \left(\frac{5}{x}\right)dx$

11. $\int (x^2 - x^{-2})dx$

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

13. $\int \left(\frac{10x^{4/3} - 8x^{1/3}}{x^2}\right)dx$

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

15. $\int (\cos \theta)d\theta$

16. $\int (\sec^2(\theta))d\theta$

17. $\int (\csc x \cot x)dx$