

Find the indefinite integrals:

1. $\int x^9 dx$

2. $\int (t^3 + 4t^2 - 8t + 3) dt$

3. $\int \frac{9}{\sqrt{t}} dt$

4. $\int \frac{9x^5 + 5x^3 - 4x + 1}{x^3} dx$

5. $\int t^5 \left(1 + 3t - \frac{2}{t} \right) dt$

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