

Calculus — Worksheet #75

1. $\int \frac{z+1}{\sqrt[3]{z^2+2z+2}} dz$

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

3. $\int (y^4+4y^2+1)^2(y^3+2y) dy$

4. $\int 16x \sin^3(2x^2+1) \cos(2x^2+1) dx$

5. $\int \frac{x^5}{1+x^6} dx$

6. $\int e^{\tan x} \sec^2 x dx$