

The Natural Logarithm

Solve the following indefinite integral problems.

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

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

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

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

5. $\int \frac{\sin x}{2+\cos x} dx$

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