

quiz

please integrate.

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

2. $\int w \ln w dw$

3. $\int \frac{d\theta}{\cos^2 \theta \sqrt{1+\tan \theta}}$

4. $\int \frac{y}{1+y^4} dy$

5. $\int x \cos x dx$