

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

2. $\int (2 + \sin x) dx$ _____

3. $\int \frac{1}{(\sec x)^2} dx$ _____

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

5. $\int e^{\cos x} \sin x dx$ _____

6. $\int x \cos x dx$ _____

7. $\int \frac{1}{1-x^2} dx$ _____

8. $\int \tan(\pi x) dx$ _____

9. $\int \frac{1}{\sqrt{1+x}} dx$ _____

10. $\int \frac{1}{(\cos x)^2} dx$ _____

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

12. $\int e^{-x}(x+1) dx$ _____

13. $\int x^3 e^{-x^2} dx$ _____

14. $\int \frac{x+1}{(x+2)(x^2+3)} dx$ _____

15. $\int e^{2x} \cos(3x) dx$ _____