

Basic Antiderivatives (II)

11. $\int (\sin(3x + 6) - 4 \cos x) \, dx$

12. $\int \cos^2 x \, dx$

13. $\int \sin x \sin 3x \, dx$

14. $\int \sin^3 x$, using triple angle formula

15. $\int (1 + \tan^2 x) \, dx$

16. $\int \tan^2(-x + 2) \, dx$, using Q15