

MATH 1B WEEK 2, THURSDAY

Exercise 1. $\int \sin^3 \theta \cos^4 \theta$

Exercise 2. $\int_0^{\pi/2} \sin^5 x dx$

Exercise 3. $\int t \cos^5(t^2) dt$

Exercise 4. $\int_0^{2\pi} \sin^2(\frac{1}{3}\theta) d\theta$

Exercise 5. $\int \tan^3 \sec^6 x dx$

Exercise 6. $\int \tan^5 x dx$

Exercise 7. $\int \sin^3 x dx$