

MATH 1B WEEK 3, THURSDAY

Exercise 1. $\int \frac{\cos x}{1 - \sin x} dx$

Exercise 2. $\int \sqrt{y} \ln y dy$

Exercise 3. $\int \frac{t}{t^4 + 2} dt$

Exercise 4. $\int \frac{e^{\arctan y}}{1+y^2} dy$

Exercise 5. $\int \frac{x+2}{x^2+3x-4} dx$

Exercise 6. $\int \frac{x^2}{x^6+3x^3+2} dx$