

Math 121, Sections 01, 02, Spring 2021

Homework #6

Due **Friday, March 5th** in Gradescope by 11:59 pm ET

- **Watch:** Function Video 9 and Integration Videos 1 and 2
- **Read:** Section 7.1
- **Homework:**

Section	Problem #s
6.8	57, 59, 63
Plus: Question 1	Show that $\lim_{x \rightarrow \infty} \left(1 + \frac{1}{x}\right)^x = e$
7.1	3, 12, 15, 30
Plus: Question 2	Compute $\int x \arctan x \, dx$
Plus: Question 3	Compute $\int \ln(x^2 + 7) \, dx$

REGULAR OFFICE HOURS

Monday, Tuesday, Wednesday, Friday:
9:00 am–11:00 am ET

Monday, Tuesday, Wednesday, Friday:
2:00–4:00 pm ET

Monday and Wednesday: TA Daksha 7-9:00 pm ET

Tuesday and Friday: TA Min 7-9:00 pm ET

See the Moodle Page for Zoom links at the top of the page
Do something different or new this week, for studying purposes.
Go to office hours and also go to Min's and Daksha's TA hours.