

Math 121, Section 01, 02, Spring 2021

Homework #5

Due **Wednesday, March 3rd** in Gradescope by 11:59 pm ET

- **Watch:** Function Videos 7 and 8
- **Read:** Section 6.8
- **Homework:**

Section	Problem #s
6.8	13, 15, 17, 19, 21, 27, 28, 31, 40, 43, 46
Plus: Question 1	Compute $\lim_{x \rightarrow 0} \frac{x - \arcsin x}{[\arctan(2x)] - 2x}$
Plus: Question 2	Compute $\lim_{x \rightarrow 0} \frac{\arcsin x + x^2 - x}{\cosh x - \arctan(5x) - e^{-5x}}$

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

Please e-mail with questions/concerns: dbenedetto@amherst.edu

Start early.

Show all details and justifications in a nice final draft. No Mess.

Box your answers.