Math 121, Sections 01, 02, Spring 2021
Homework #7
Due **Wednesday, March 10th** in Gradescope by 11:59 pm ET

- <mark>**Watch**: Integration Videos 3,4 and 5</mark>

- **Read**: Sections 7.2 and 7.3

- **Homework:**

Section	Problem #s
7.1	37
7.2	1, 4, 7, 11, 19
Plus: Question 1	Compute $\displaystyle\int_0^1 x^3\sqrt{1-x^2}\,dx$
Plus: Question 2	Compute $\displaystyle\int \sqrt{9-x^2}\,dx$
Plus: Question 3	Compute $\displaystyle\int \frac{1}{\left(4+x^2\right)^{\frac{5}{2}}}\,dx$
Plus: Question 4	Compute $\displaystyle\int x\arcsin x\,dx$

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
end of exam #1 material
Plus questions are **not** optional, only bonus questions are optional.