

MATH 2300

Weekly-Work Prompts

All responses are to be uploaded to Canvas for their corresponding weeks. All responses are due the Sunday of the week they are assigned.

Due	Prompt
Week 2	Write a few sentences describing what you've liked about the class so far, what you've disliked about the class so far, anything you are looking forward to about the class, and anything you are concerned about moving forward. Also, for each day that we do group work, write down one thing that every member of your group has in common.

Quiz 10 (7 Points):

Problem 1 (5 Points): Find the Maclaurin series for $f(x) = 1/x$ and find the interval of convergence.

Problem 2 (2 Points): Find the value of

$$\left(1 - 1 + \frac{1}{2} - \frac{1}{6} + \frac{1}{24} - \frac{1}{120} + \frac{1}{720} \mp \dots\right).$$