

MATH 1300
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	<p>Looking back on the first two weeks of class, what are some suggestions you have to make the lecture portion of class more accessible to you? For example, more individual work time during lecture, less individual work time, slower, more use of technology, less use of technology, more examples, etc.</p> <p>The solution to written homework 2, problem 3 is below. Use this solution to revise your solution to problem 3 from this week's written homework. If you've made any mistakes, be sure to point them out and explain why the mistakes you've made were mistakes. Do not stress too much about this, just give it an honest try and you will receive full credit. I do not want this to take you more than 30 minutes. This submission is due Sunday at midnight. Be sure to upload your solution to the weekly work 1 slot on Canvas, and upload your submission as a single PDF.</p>

Solution to WH2 Problem 3:

- As t approaches 12 from the left, the function values appear to approach 70. As t approaches 12 from the right, the function values appear to approach 150.
- Since the drug is administered every 4 hours, and 12 is a multiple of 4, the patient would be administered another dose at $t = 12$. Because of this, the amount of the drug in the patient's system decreases into 12 hours and then bumps up abruptly immediately after 12 hours.