

MAT 17B, Fall 2020
Homework 6

Due before 4:10 PM on Wednesday, November 18

Please write the homework solutions in connected sentences and explain your work. Mark the answers to each question. Scan or take pictures of your homework and upload it to Gradescope before due time.

Solve the following differential equations:

1. (10 points) $y' = xe^{-y}$
2. (10 points) $y' = y^2$.
3. (10 points) $y' = \frac{\ln x}{xy}$, $y(1) = 2$