

Quiz 7

MATH 2280, ORDINARY DIFFERENTIAL EQUATIONS, SPRING 2024

NAME:

A#:

Problem 1. Exercise 17.2c (10 points) Solve the following initial value problem.

$$y'' - 8y' + 15y = 0, \quad y(0) = 5, \quad y'(0) = 19$$

Solution:

Problem 2. Exercise 17.3c (10 points) Find the general solution to the following differential equation.

$$4y'' - 4y + y = 0$$

Solution: