

Practice Quiz 8

MATH 2280, ORDINARY DIFFERENTIAL EQUATIONS, SPRING 2024

NAME:

A#:

Problem 1. Exercise 17.3b (10 points) Find the general solution of the following differential equation.

$$y'' + 2y' + y = 0$$

Solution:

Problem 2. Exercise 19.1d (10 points) Using clever factoring of the characteristic polynomial find the general solution to the following differential equation.

$$y^{(4)} - 81y = 0$$

Solution: