

Practice Quiz 9

MATH 2280, ORDINARY DIFFERENTIAL EQUATIONS, SPRING

2024

NAME:

A#:

Problem 1. Exercise 19.4a (10 points) Find the general solution for the following

$$y''' - 8y = 0$$

Solution:

Problem 2. Exercise 20.1e (10 points) Find the general solution (in terms of real-valued functions) for the following Euler equation.

$$x^2 y'' - 5 x y' + 9 y = 0$$

Solution: