Quiz 8 Math 2280, Ordinary Differential Equations, Spring 2024

Name: A#:

Problem 1. Exercise 17.8o (10 points) Find the general solution of the following ODE. Espress your answer in terms of real-valued function only.

$$y'' - 2\,y' - 15\,y = 0$$

Solution:

Problem 2. Exercise 19.1a (10 points) Find the general solution to the following differential equation.

$$y^{(4)} - 4\, y''' = 0$$

Solution: