Math 240 - Quiz 6

October 5, 2023

Name _____

Score _____

Show all work to receive full credit. Supply explanations when necessary.

1. (3 points) Find the general solution: $y''' + 6y'' + 9y' = 0$

2. (3 points) Find the general solution: $y'' - 4y' + 13y = 0$

3. (4 points) Solve the initial value problem: $y'' - 5y' - 6y = 0;$ $y(0) = 1, y'(0) = -1$