Name:
Section:

1. Find the solution to the initial value problem

$$
y^{\prime \prime}-6 y^{\prime}+9 y=0, \quad y(0)=1, \quad y(1)=2
$$

2. Find the general solution to the following differential equation:

$$
y^{\prime \prime}+4 y^{\prime}+6 y=0
$$

