

**MATH 361 Quiz 4****Name:**

Show all work. 5 points each.

1. Solve the differential equation  $y'' - 2y' + 5y = 0$  .

2. Solve the initial value problem  $y'' - 4y' + 4y = 0$ ,  $y(0) = -2$ ,  $y'(0) = 2$  .