

Name [1 Pt]: _____ Quiz Score: _____/(4+1)

Answer all questions. Show all work, and carefully explain your reasoning.

- 2 1. Find the general solution to $y''(t) - 4y'(t) + 5y(t) = 0$, and the IVP when $y(0) = 0$, and $y'(0) = 2$. **YOUR ANSWER SHOULD BE ENTIRELY REAL**

Solution:



- 2 2. Solve the equation $y''(t) - 4y'(t) + 4y(t) = 0$. **VERIFY** both solutions you get work.

Solution:

