NAME: (print!) _____   **Section:** _____

E-MAIL ADDRESS: (print!) _____

1. Solve the initial value problem

$$y^{(4)}(t) - 5y''(t) + 4y(t) = 0 \quad ; \quad y(0) = 4 \quad , \quad y'(0) = 0 \quad , \quad y''(0) = 2 \quad , \quad y'''(0) = 8 \quad .$$