← **Assignment 2**

👍 **You've completed all of the work in this assignment.**

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✔  Your answer is correct.

Functions $e^{-0.6x}$ and $xe^{-0.6x}$ are linearly independent and of solutions of the following ODE. Solve the IVP.

$$y'' + 1.2y' + 0.36y = 0, \; y(0) = 2.7, \; y'(0) = 0.1$$

$$y(x) = \boxed{2.7 \; e^{-0.6x} + 1.76 \; x \; e^{-0.6x}} \; ✔$$

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**Attempts: 1 of 3 used**

Using multiple attempts will impact your score.
10% score reduction after attempt 2