← Assignment 1

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

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✔ Your answer is correct.

Find the general solution to $y' + ky = e^{-3kx}$.

NOTE: Write the arbitrary constant as c.

If $k = 0$, $y(x) =$ $\boxed{x + c}$ ✔

If $k \neq 0$, $y(x) =$ $\boxed{\dfrac{-1}{2\ k\ e^{3kx}} + \dfrac{c}{e^{kx}}}$ ✔

⌨

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Hint

Attempts: 2 of 3 used

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12 of 12   8 / 8