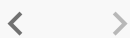← Assignment 2

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

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✔ Your answer is correct.

Verify by substitution that the given functions form a ba

Solve the given initial value problem.

$y'' + 16y' + 89y = 0$, $e^{-8x}\cos(5x)$, $e^{-8x}\sin(5x)$, $y(0) = 1$,

$y(x) = \boxed{e^{-8x}\ \cos(5\ x)}$ ✔

⌨

eTextbook and Media

Attempts: 1 of 3 used

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