

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

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✓ Your answer is correct.

Solve the following IVP by the Laplace transform. If necessary, use partial fractions expansion.

$$y'' - \frac{1}{9}y = 0, \quad y(0) = 3, \quad y'(0) = 0$$

$y(t) = \frac{3}{2} \left(e^{\frac{t}{3}} + e^{-\frac{t}{3}} \right)$ ✓



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Attempts: 1 of 3 used

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

