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✓ Your answer is correct.

Using the Laplace transform, solve the IVP.

$$y_1' = y_1 + 30u(t - 2)e^{4t}, \quad y_2' = y_1 + 2y_2, \quad y_1(0) = 0, \quad y_2(0) = 8$$

NOTE: Use u to denote the unit step function.

$y_1(t) =$ ✓

$y_2(t) =$ ✓



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Attempts: 1 of 3 used

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

