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✔ Your answer is correct.

Using the Laplace transform, solve:

$$y'' + 9y = r(t), \quad y(0) = 0, \quad y'(0) = 25,$$

where $r(t) = 8 \sin t$ if $0 < t < \pi$ and 0 if $t > \pi$.

NOTE: Express your answer without using the general unit step function. u .

$y(t) =$ if $0 < t < \pi$ ✔

$y(t) =$ if $t > \pi$ ✔



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Attempts: 1 of 3 used

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

