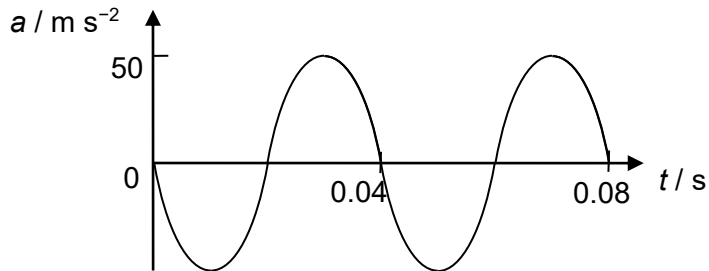**14** A body performs simple harmonic motion with period T. The graph shows the variation with time t of its acceleration a.

What is the ratio of the body's displacement to its amplitude at time $t = \dfrac{5T}{8}$?

A   -0.71   **B**   0.71   **C**   -0.87   **D**   0.87