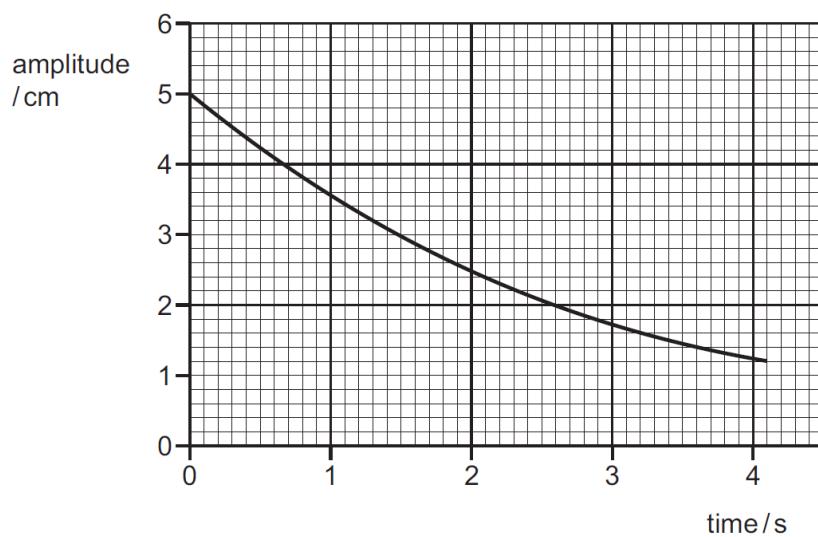


- 15** The graph shows how the amplitude of a simple pendulum decays with time from an initial amplitude of 5.0 cm.



What is the fraction of the initial energy that has been lost in the first 4.0 s?

- A** $\frac{1}{16}$ **B** $\frac{1}{4}$ **C** $\frac{3}{4}$ **D** $\frac{15}{16}$