

8 A 'seconds' pendulum has a period of 2 seconds.

Which of the following gives the length of the pendulum in metres?

☐ **A** $\frac{\pi^2}{4 \times 9.81}$

☐ **B** $\frac{4 \times 9.81}{\pi^2}$

☐ **C** $\frac{9.81}{\pi^2}$

☐ **D** $\frac{9.81}{4\pi^2}$

(Total for Question 8 = 1 mark)