

- 1 A beam of wood is oscillated to determine a quantity E which is given by:

$$E = \text{constant} \times \frac{l^3}{T^2}$$

where l is the length of the beam and T is the period of oscillation.

The measured values of l and T both have measured uncertainties of 2%.

What is the percentage uncertainty in the calculated value of E ?

- A** 2% **B** 4% **C** 10% **D** 12%

- 2 What are the SI base units of power?