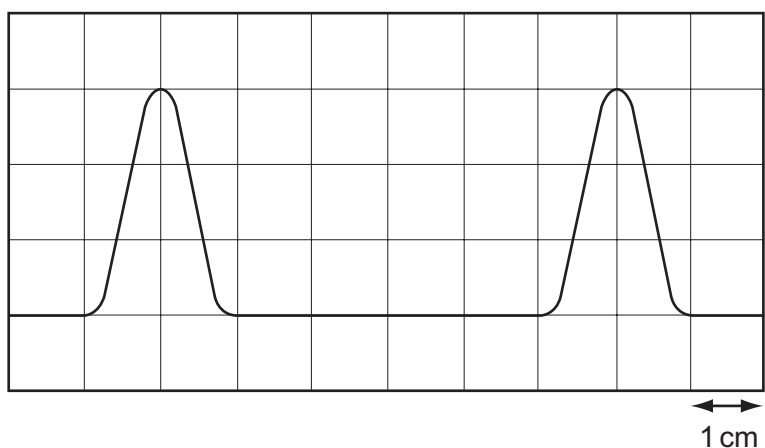**6** The diagram shows two complete pulses on the screen of a cathode-ray oscilloscope. A grid of 1 cm squares covers the screen. The time-base setting is $1\,\mu\text{s}\,\text{cm}^{-1}$.

1 cm

How long does each pulse last?

A $2\,\mu\text{s}$ **B** $3\,\mu\text{s}$ **C** $4\,\mu\text{s}$ **D** $6\,\mu\text{s}$

Space for working