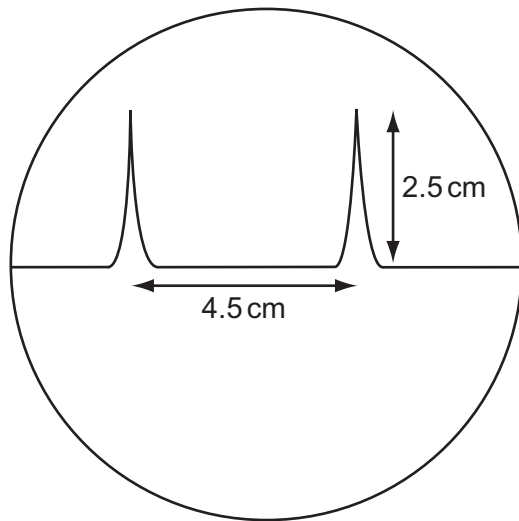


5 The time-base on a cathode-ray oscilloscope is set at 6 ms/cm .

A trace consisting of two pulses is recorded as shown in the diagram.



What is the time interval between the two pulses?

A 0.42 ms

B 0.75 ms

C 1.33 ms

D 27 ms

6 A bullet is fired horizontally with speed v from a rifle. For a short time t after leaving the rifle, the