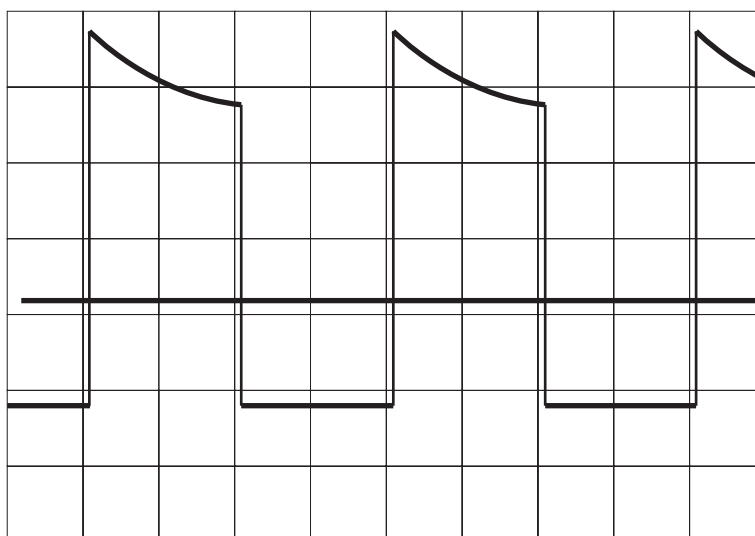


- 4 An oscilloscope display consists of two separate traces, a waveform and a long horizontal line. The horizontal line may be taken as the zero level.

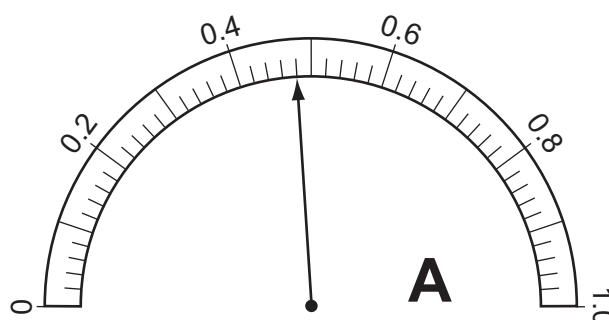
The grid on the screen is calibrated in cm squares, the timebase setting is 2.5 ms cm^{-1} , and the Y-sensitivity is 5 mV cm^{-1} .



What are the period and the peak positive voltage of the waveform in the diagram?

	period / ms	peak positive voltage / mV
A	5	17
B	5	25
C	10	17
D	10	25

- 5 The resistance of an electrical component is measured. The following meter readings are obtained.



What is the resistance?

- A** 2.5Ω **B** 2.7Ω **C** 2500Ω **D** 2700Ω