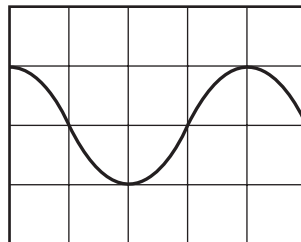


- 5 The display on a cathode-ray oscilloscope shows the signal produced by an electronic circuit. The time-base is set at 5.0 ns per division and the Y-gain at 10 V per division.



What is the frequency of the signal?

- A $2.0 \times 10^{-8} \text{ Hz}$
- B $2.5 \times 10^{-2} \text{ Hz}$
- C $5.0 \times 10^7 \text{ Hz}$
- D $3.1 \times 10^8 \text{ Hz}$

Space for working