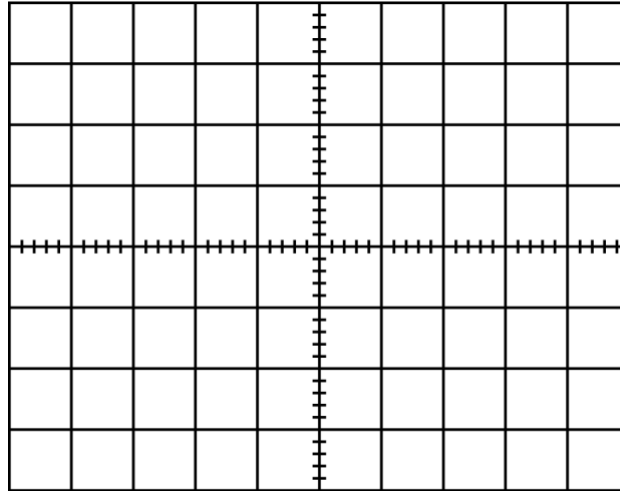




- 3 a Sketch on the oscilloscope screen below a wave with a time period of 25 ms.



- b Calculate the frequency of the wave.
- c Sketch on the oscilloscope how a wave would look if it was double the frequency.
- 4 Describe an experiment that can be used to measure the speed of sound.
- 5 Two signals are being produced from two different generators. One signal has a low frequency and the other is at a high frequency. With the aid of diagrams, describe the difference between the two sound waves.