

GCSE Physics B (Twenty First Century Science)
J259/01 Breadth in Physics (Foundation Tier)

Question Set 1

Multiple Choice Questions

1 Jamal is listening to the radio.

(a) He can hear a musical instrument playing a steady note.

What type of wave is the **sound** that Jamal hears?
Put a ring around the correct answer.

electromagnetic longitudinal radio transverse

[1]

(b) The sound waves that Jamal hears have a frequency of 400 Hz and a wavelength of 0.84 m.

Calculate the speed of the sound waves.

Use the equation: wave speed = frequency \times wavelength

Wave speed = m/s [2]

Total Marks for Question Set 1: 3

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