

22 Which statement about electromagnetic radiation is correct?

A Waves of wavelength 5×10^{-9} m are high-energy gamma rays.

B Waves of wavelength 3×10^{-8} m are ultra-violet waves.

C Waves of wavelength 5×10^{-7} m are infra-red waves.

D Waves of wavelength 9×10^{-7} m are light waves.

23 When sound travels through air, the air particles vibrate. A graph of displacement against time for