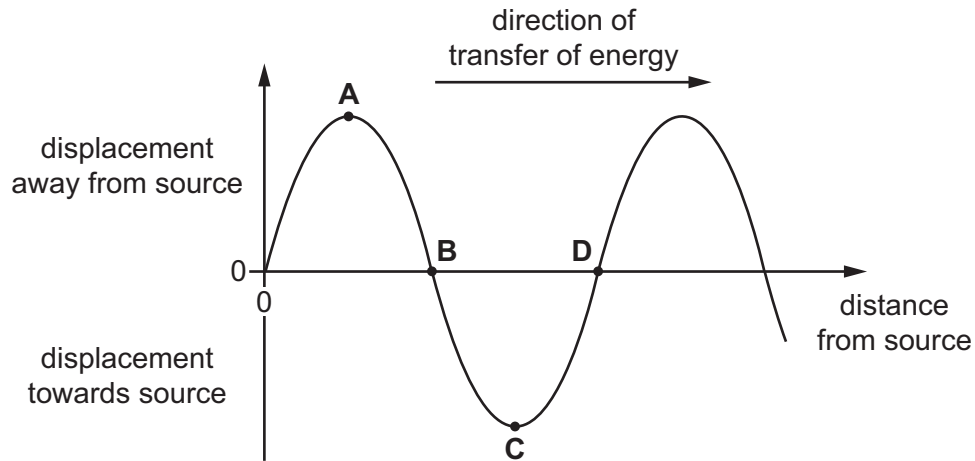


- 22** A longitudinal wave has vibrations parallel to the direction of transfer of energy by the wave.

The wave can be represented on a graph showing the variation of the displacement of the particles with distance from the source.

Which point on the graph is the centre of a compression?



- 23** What can be deduced from a table of wavelengths of the waves in the electromagnetic spectrum?
- A** Green light has a shorter wavelength than X-rays.
 - B** Red light has a shorter wavelength than green light.
 - C** The wavelength range for radio waves is less than that for infra-red waves.
 - D** The wavelength range for X-rays is less than that for radio waves.