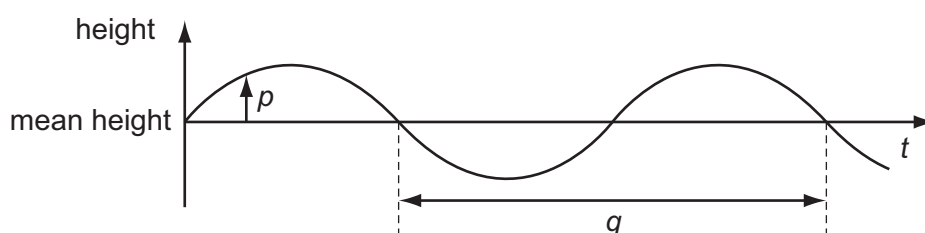


- 24** Electromagnetic waves from an unknown source in space were found to be significantly diffracted when passing through gaps of the order of 10^{-5} m.

Which type of wave are they most likely to be?

- A** radio waves
- B** microwaves
- C** infra-red waves
- D** ultraviolet waves

- 25** The graph shows how the height of the water surface at a point in a harbour varies with time t as waves pass the point.



What are p and q ?

	p	q
A	displacement	period
B	displacement	wavelength
C	amplitude	period
D	amplitude	wavelength

Space for working