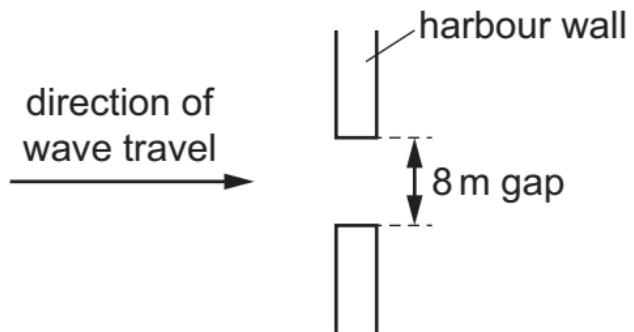


**28** A water wave passes through a gap in a harbour wall and diffracts. The gap has a width of 8 m.



The wave travels directly towards the gap.

For which wavelength is the diffraction of the wave greatest?

- A** 1 m
- B** 2 m
- C** 4 m
- D** 8 m