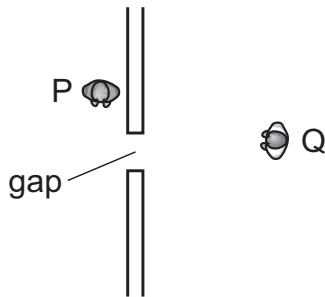


- 17 Two men, P and Q, stand close to a gap in a wall, as shown. Man P cannot see man Q but man P can hear man Q speaking.



Which statement explains this?

- A Light waves do not diffract at all because they are electromagnetic waves.
- B Light waves have a range of frequencies but sound has just one frequency.
- C Sound waves are of a higher frequency than light waves.
- D Sound waves diffract a lot because their wavelength is a similar size to the width of the gap.