

- 30 To produce a stationary wave, two waves must travel in opposite directions through the same space.

Which statement about the properties of the two waves must also be true?

- A The waves must have equal frequency, but a different speed and wavelength.
- B The waves must have equal speed, but a different wavelength and frequency.
- C The waves must have equal speed, frequency and wavelength.
- D The waves must have equal wavelength, but a different speed and frequency.