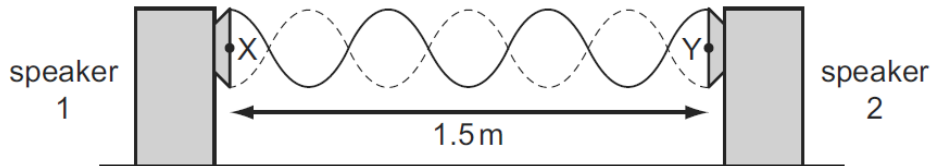


- 15** A stationary wave is produced by two loudspeakers emitting sound of the same frequency.



When a microphone is moved between X and Y, a distance 1.5 m, six nodes and seven antinodes are detected.

What is the wavelength of the sound?

A 0.50 m

B 0.43 m

C 0.25 m

D 0.21 m