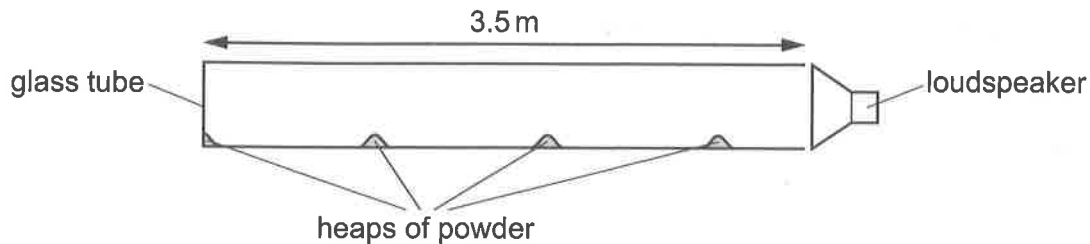


- 18** A glass tube is closed at one end and has a loudspeaker at the other end. Along the bottom of the tube is a fine powder.

The loudspeaker emits a sound and a stationary wave is formed. This causes the powder to collect in four small heaps at the bottom of the tube as shown.



What is the wavelength of the sound?

- A** 1.0 m **B** 2.0 m **C** 3.0 m **D** 4.0 m

- 19** The graph shows a progressive wave of period T and amplitude A at time $t = 0$.