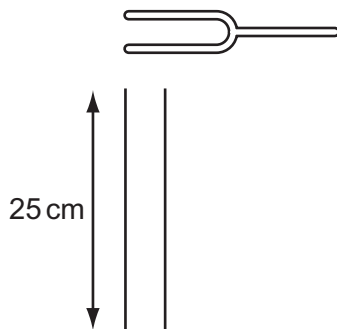


28 The diagram shows a tuning fork above a tube of air of length 25 cm.



A stationary wave is set up in the tube with the same frequency as the tuning fork. The lower end of the tube is sealed. This is the minimum length of tube with the lower end sealed that creates a stationary wave.

Which other lengths of tubes, sealed at their lower end, will also create a stationary wave?

- A** 37.5 cm and 50 cm
- B** 50 cm and 75 cm
- C** 75 cm and 100 cm
- D** 75 cm and 125 cm