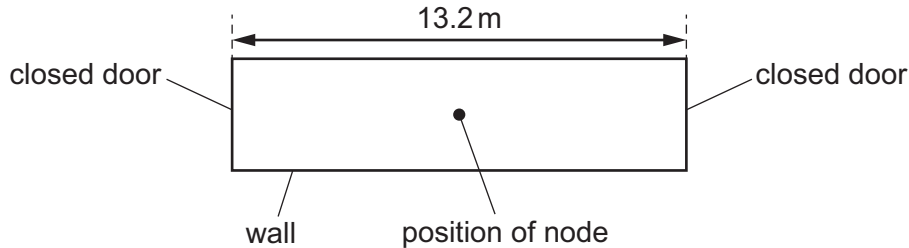


- 25** A corridor is 13.2 m long and has closed doors that reflect sound at both ends. The speed of sound in the air in the corridor is 330 m s^{-1} .



What is the lowest frequency of sound that could create a stationary wave in the corridor with a node halfway along it?

- A** 0.040 Hz **B** 13 Hz **C** 25 Hz **D** 50 Hz