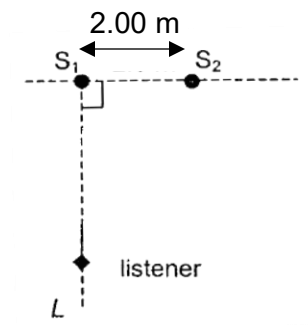


17 The figure below shows two speakers,  $S_1$  and  $S_2$ , placed 2.00 m apart. The two speakers are both part of a stereo system connected to the same source, which produces sound of wavelength 1.00 m.



What is the distance from  $S_1$  that a listener must be, along the line  $S_1L$ , for him to hear a minimum in sound intensity?

- A** 1.20 m      **B** 1.50 m      **C** 2.00 m      **D** 3.75 m