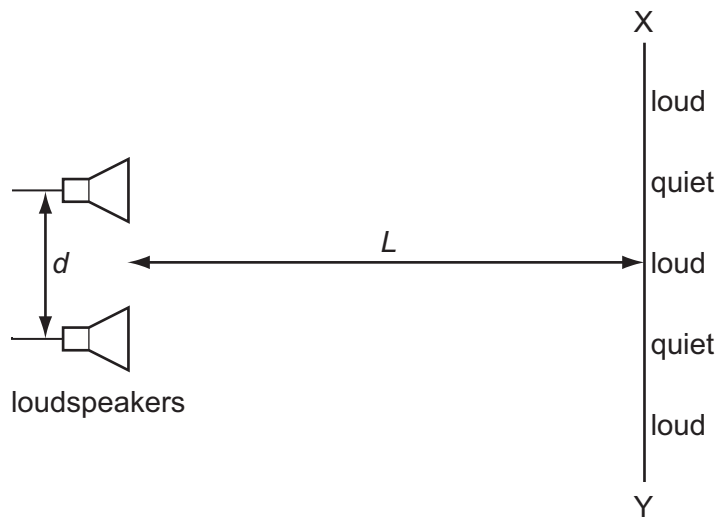


28 The diagram shows two loudspeakers producing sound waves that are in phase.



As a student moves from X to Y, the intensity of the note she hears is alternately loud and quiet.

The distance between adjacent loud and quiet regions may be reduced by

- A decreasing distance d .
- B increasing distance L .
- C decreasing the amplitude.
- D increasing the frequency.

29 The diagram shows the electric field near a point charge and two electrons X and Y