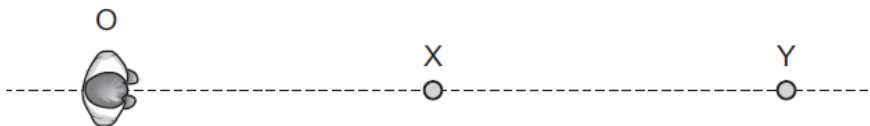


- 17 Two loudspeakers X and Y emit sound waves that are in antiphase and of wavelength 0.60 m.

An observer O is able to stand anywhere on a straight line that passes through X and Y, as shown. The observer stands at a point where the sound waves from X and Y meet in phase.



What could be the distances OY and XY?

	distance OY / m	distance XY / m
A	1.25	3.70
B	1.50	1.20
C	2.00	2.50
D	2.20	1.60