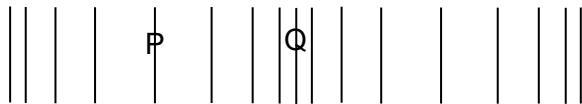


- 17 The diagram below shows a sound wave traveling from left to the right in air at a particular instant. Air particles P and Q are the centres of a rarefaction and a compression respectively. Which of the following describes the directions of motion of P and Q at this instant?

Direction of wave
propagation



	Particle P	Particle Q
A	to the right	to the left
B	to the right	at rest
C	to the left	to the right
D	to the left	at rest