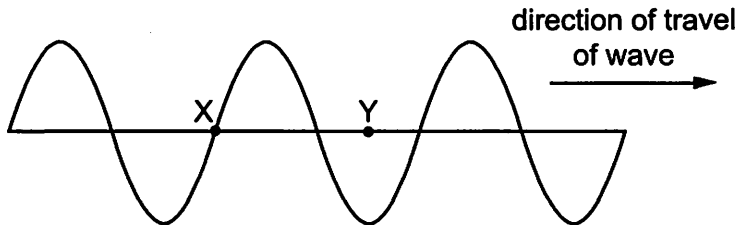


16 A transverse wave moves to the right.

X and Y are points in the path of the wave.



Which statement about the oscillations at X and at Y is correct?

- A** The oscillations at X and Y are in phase.
- B** The frequency of oscillations at X is greater than the frequency of oscillations at Y.
- C** The oscillations at X and Y have a phase difference of π rad.
- D** The oscillations at X and Y have the same period.