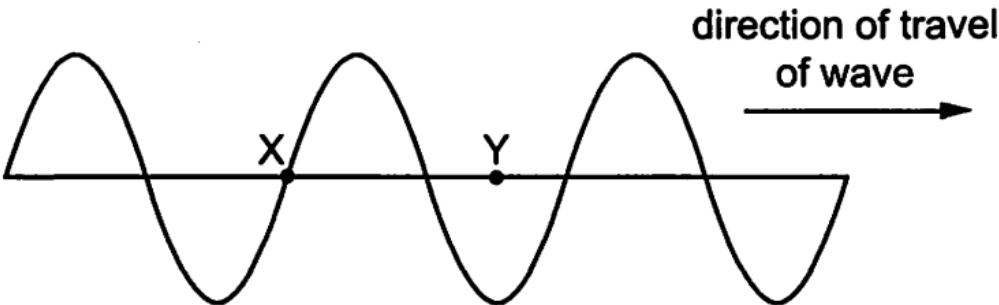


16 A transverse wave moves to the right.

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.