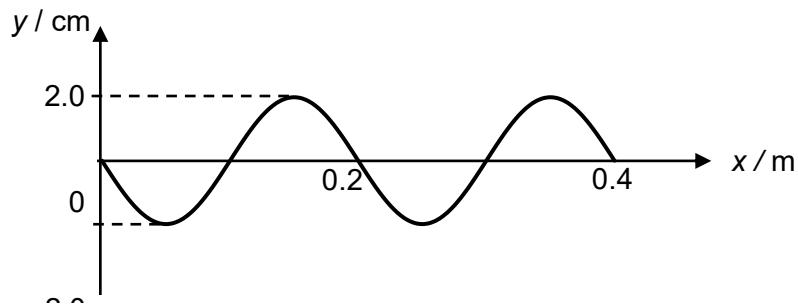


- 8 The graph below shows the variation with distance x of the displacement y of a transverse wave at a particular instance in time.



A second transverse wave has the same amplitude, twice the speed and twice the frequency.

For the second wave, which of the graphs below shows the variation with distance x of its displacement y ?

