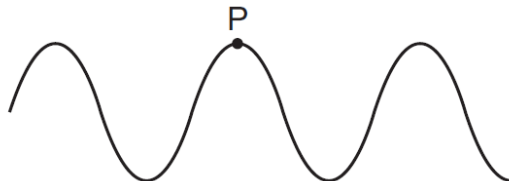


- 13** A transverse water wave has a frequency of 1.50 Hz, a wavelength of 0.240 m and an amplitude of 0.120 m.

P is a water particle that is initially at the peak of the wave, as shown.



What is the total vertical distance travelled by P in a time of 0.75 s?

- A** 35.1 mm **B** 84.9 mm **C** 325 mm **D** 515 mm