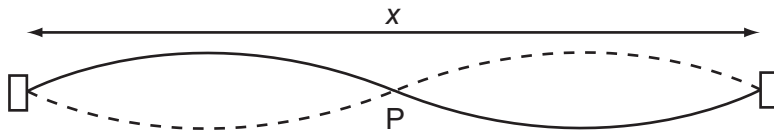


27 The diagram represents a stationary wave on a stretched string.



What is represented by point P and by the length  $x$ ?

	point P	length $x$
<b>A</b>	antinode	one wavelength
<b>B</b>	antinode	two wavelengths
<b>C</b>	node	one wavelength
<b>D</b>	node	two wavelengths

28 Fringes of separation  $y$  are observed on a screen  $1.00\text{ m}$  from a Young's slit arrangement that is