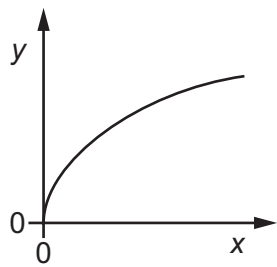


21 A wire is extended by different forces. The wire obeys Hooke’s law.

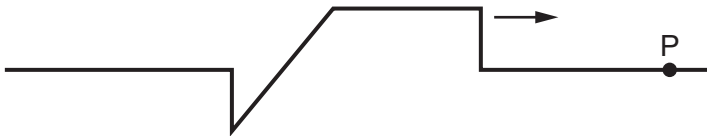
A graph is plotted to show the variation of a quantity y with a quantity x .



What could x and y represent?

	x	y
A	elastic potential energy	extension
B	extension	force
C	force	extension
D	extension	elastic potential energy

22 A wave pulse moves along a stretched rope in the direction shown.



Which diagram shows the variation with time t of the displacement s of the particle P in the rope?

