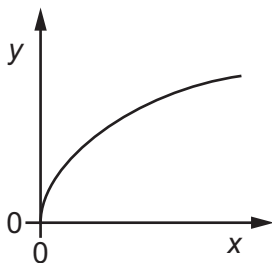


21 A wire is extended by different forces. The wire obeys Hooke's law.

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