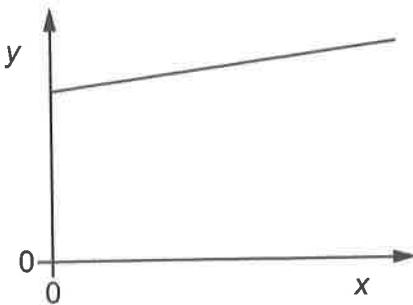


- 11 An increasing force is applied to a wire. The wire is stretched within the limit of Hooke's law. The diagram shows the relationship between two variables x and y associated with the wire.



What could this graph represent?

- A the variation of the extension y of the wire with the elastic potential energy x stored in the wire
- B the variation of the extension y of the wire with the force x applied to the wire
- C the variation of the length y of the wire with the elastic potential energy x stored in the wire
- D the variation of the length y of the wire with the force x applied to the wire

