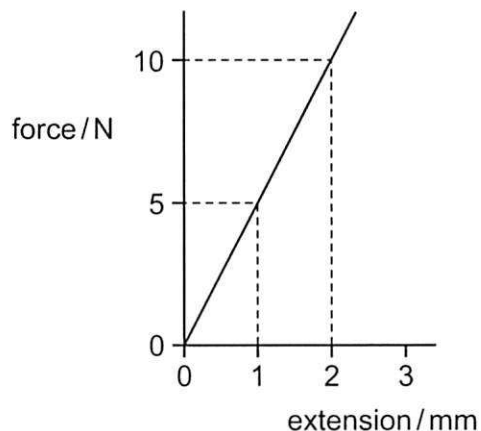


11 The diagram shows the force-extension graph for a stretched wire.



What is the value of the ratio

$$\frac{\text{increase in elastic potential energy when the wire is stretched from 1.0 mm to 2.0 mm}}{\text{increase in elastic potential energy when the wire is stretched from 0 to 1.0 mm}}?$$

A 1

B 2

C 3

D 4

