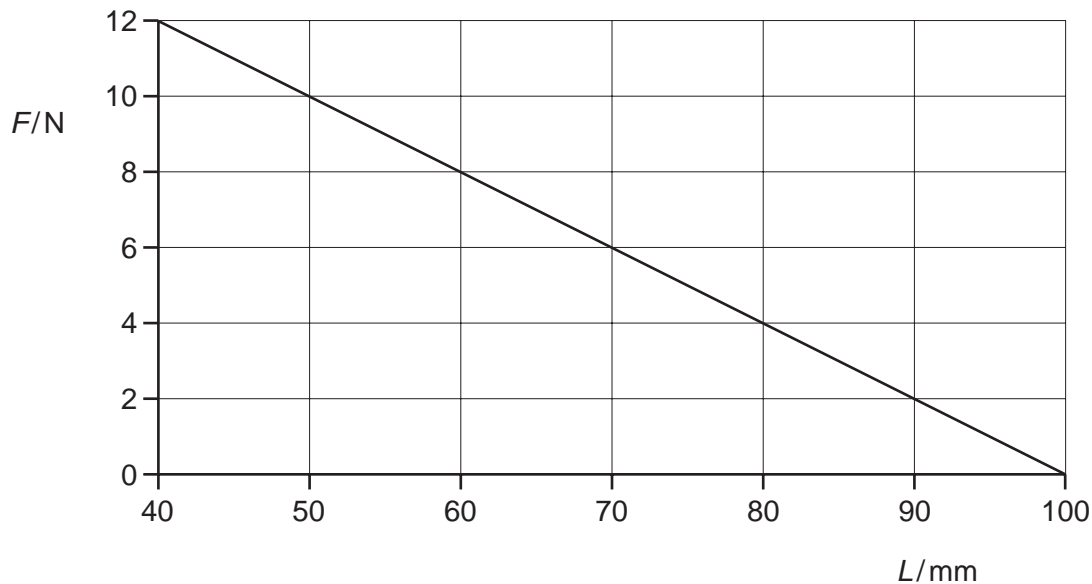


- 23** A spring of original length 100 mm is compressed by a force. The graph shows the variation of the length  $L$  of the spring with the compressing force  $F$ .



What is the energy stored in the spring when the length is 70 mm?

- A** 0.090 J      **B** 0.21 J      **C** 0.27 J      **D** 0.63 J