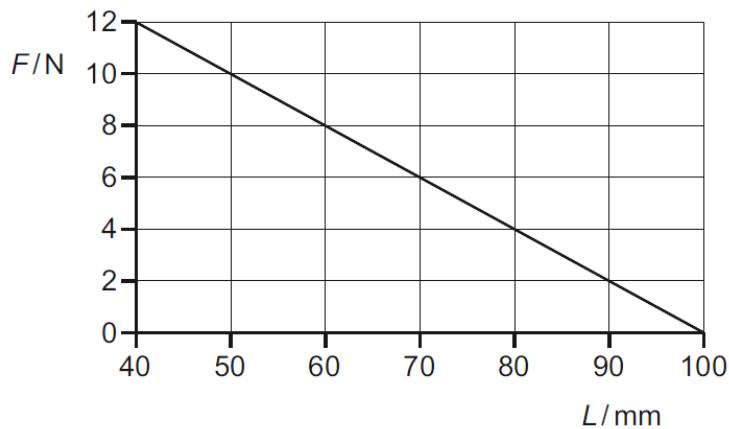


- 10** A spring of original length 100 mm is compressed by a force. The graph shows the variation of the compressing force  $F$  with the length  $L$  of the spring.



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