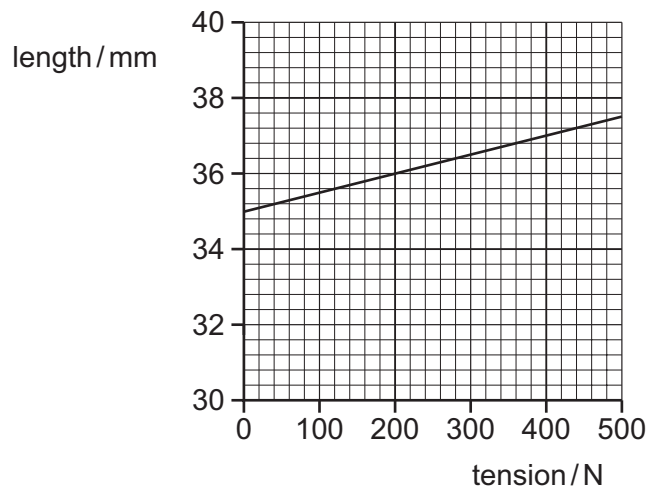


21 The Achilles tendon in a rabbit's leg is stretched when the rabbit jumps.

The graph shows the variation with tension of the length of the tendon.



What is the strain energy in the tendon when the tension is 400 N?

A 0.40 J

B 0.80 J

C 2.4 J

D 7.4 J