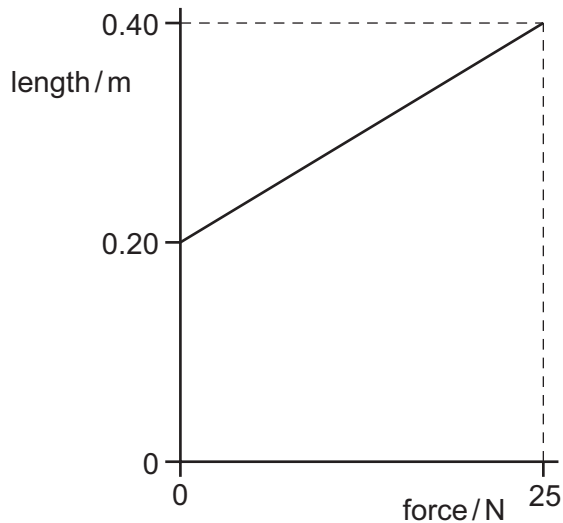


20 The graph shows how the length of a particular rubber cord varies as force is applied.



What is the maximum strain energy in this deformed rubber cord?

A 2.5 J

B 5.0 J

C 7.5 J

D 10 J

21 What is the relationship between the intensity I and the amplitude a of a wave?