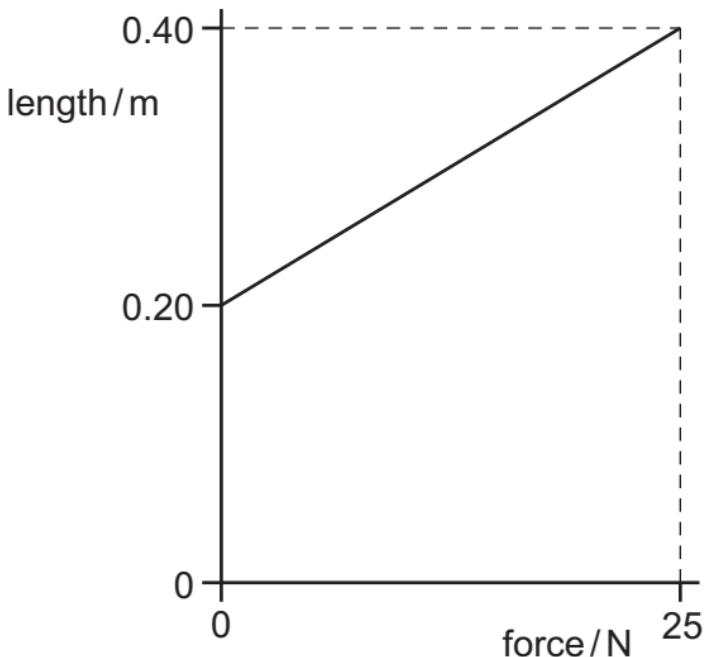


20 The graph shows how the length of a particular rubber cord varies as force is applied.



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?