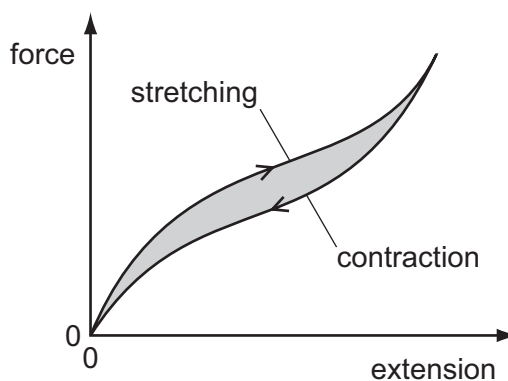
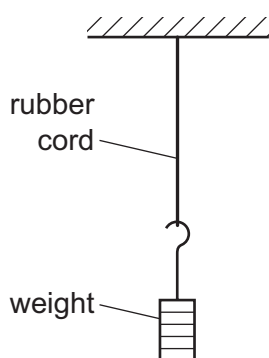


- 19** A rubber cord hangs from a rigid support. A weight attached to its lower end is gradually increased from zero, and then gradually reduced to zero.



The force–extension curve for contraction is below the force–extension curve for stretching.

What does the shaded area between the curves represent?

- A** the elastic potential energy stored in the rubber cord
- B** the thermal energy dissipated in the rubber cord
- C** the work done on the rubber cord during stretching
- D** the work done by the rubber cord during contraction