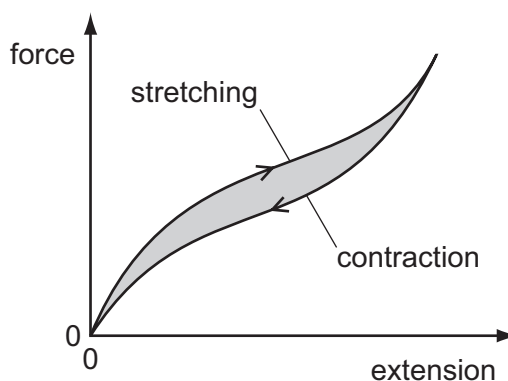
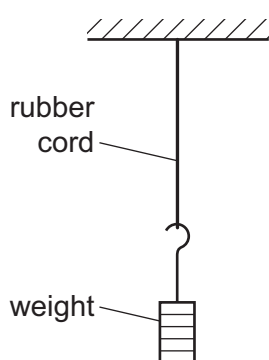


- 22** A rubber cord hangs from a rigid support. A weight attached to its lower end is gradually increased from zero, and then gradually reduced to zero.



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

**Space for working**