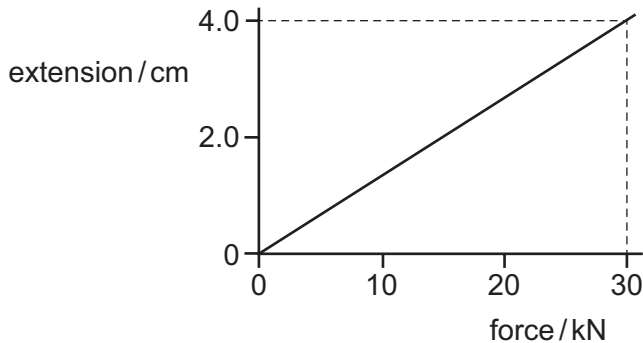


**23** The graph shows how the extension of a spring varies with the force used to stretch it.



What is the elastic potential energy of the spring when the extension is 4.0 cm?

**A** 60 J

**B** 120 J

**C** 600 J

**D** 1200 J