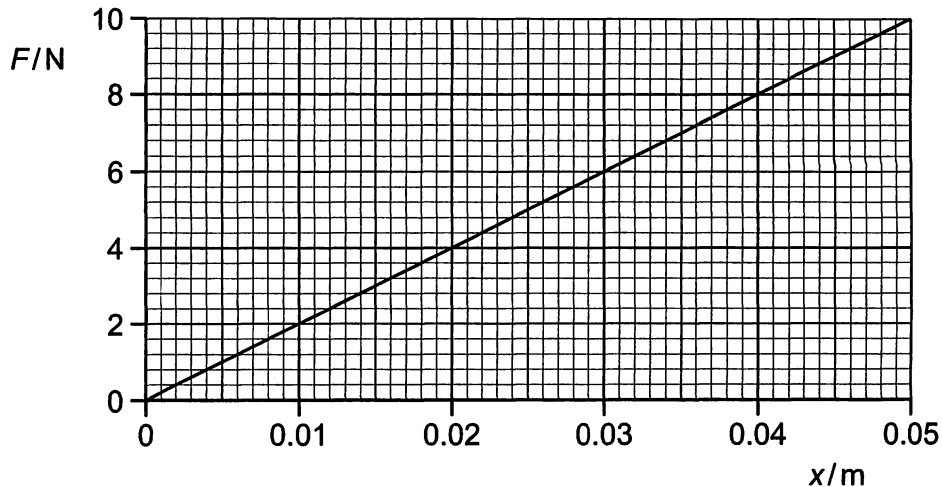


**10** The graph shows the variation with extension  $x$  of the load  $F$  on a certain spring.



A load of 6.0 N is placed on the spring.

How much additional elastic potential energy will be stored in the spring if it is then extended a further 0.010 m?

**A** 0.010 J

**B** 0.060 J

**C** 0.070 J

**D** 0.160 J

**11** In which diagram is the moment of force about point B greatest?