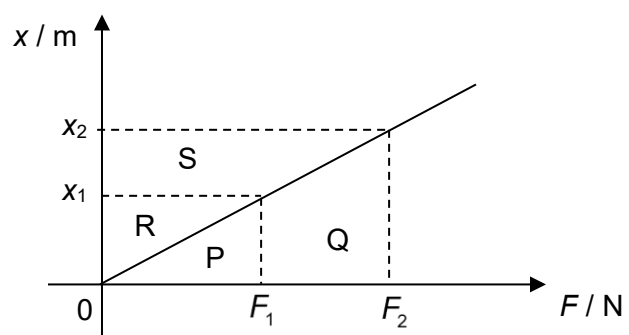


- 6 The variation with force  $F$  of the extension  $x$  of a spring is shown in the figure below.



Which area represents the work done in stretching the spring from  $x_1$  to  $x_2$ ?

**A**  $P + Q$

**B**  $Q$

**C**  $R + S$

**D**  $S$