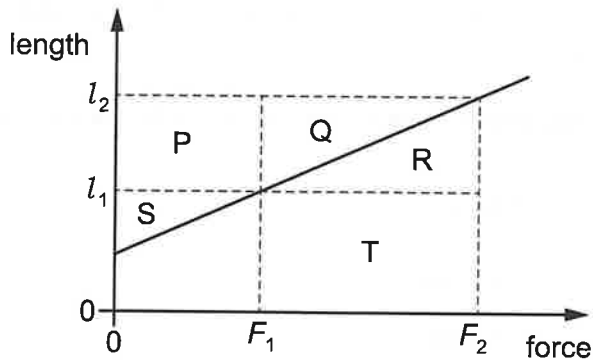


- 9 The length of a spring increases from l_1 to l_2 when the force applied to it increases from F_1 to F_2 .



Which area represents the increase in elastic potential energy stored in the spring due to the increase in force from F_1 to F_2 ?

A Q

B $P + Q$

C $P + Q + S$

D $R + T$