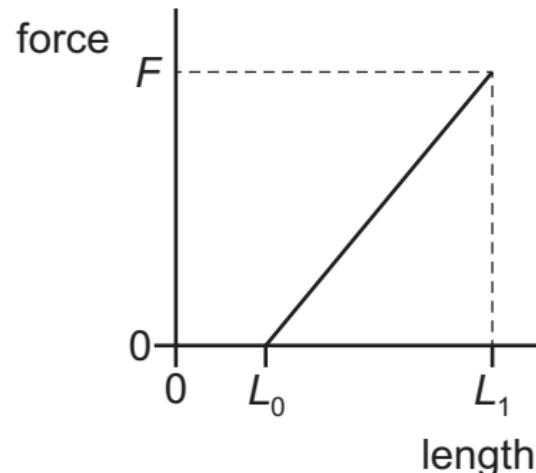


19 The graph shows how the length of a spring varies with the force applied to it.



The spring has unstretched length L_0 . When a force F is applied, the spring has length L_1 .

What is the work done in stretching the spring to length L_1 ?

A $\frac{1}{2}FL_1$

B $\frac{1}{2}F(L_1 - L_0)$

C FL_1

D $F(L_1 - L_0)$