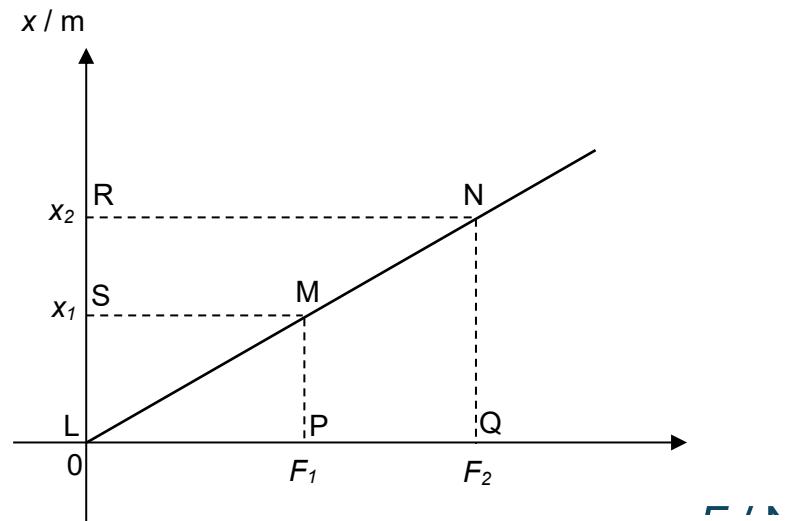


- 8 The variation with force F of the length x of a spring is shown below. The tension in the spring is increased from F_1 to F_2 , causing the length to increase from x_1 to x_2 .



The work done in stretching the spring from x_1 to x_2 is given by the area

- A** LMS **B** MNRS **C** LMP **D** MNQP