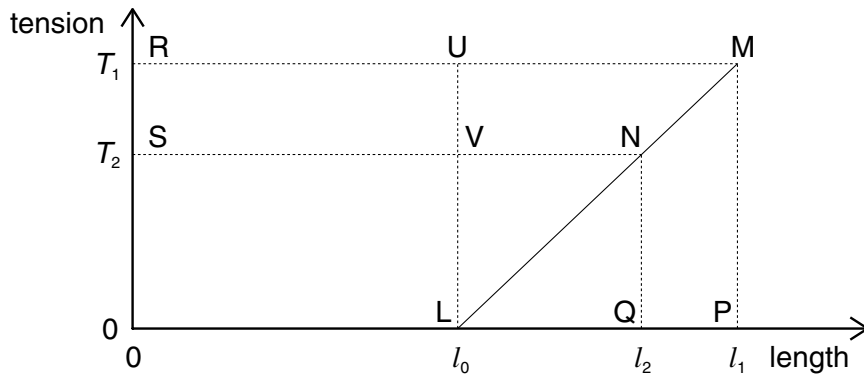


- 24** The tension in a spring of natural length l_0 is first increased from zero to T_1 , causing the length to increase to l_1 . The tension is then reduced to T_2 , causing the length to decrease to l_2 (as shown).



Which area of the graph represents the work done by the spring during this reduction in length?

- A** MLP **B** MNQP **C** MNSR **D** MPLU