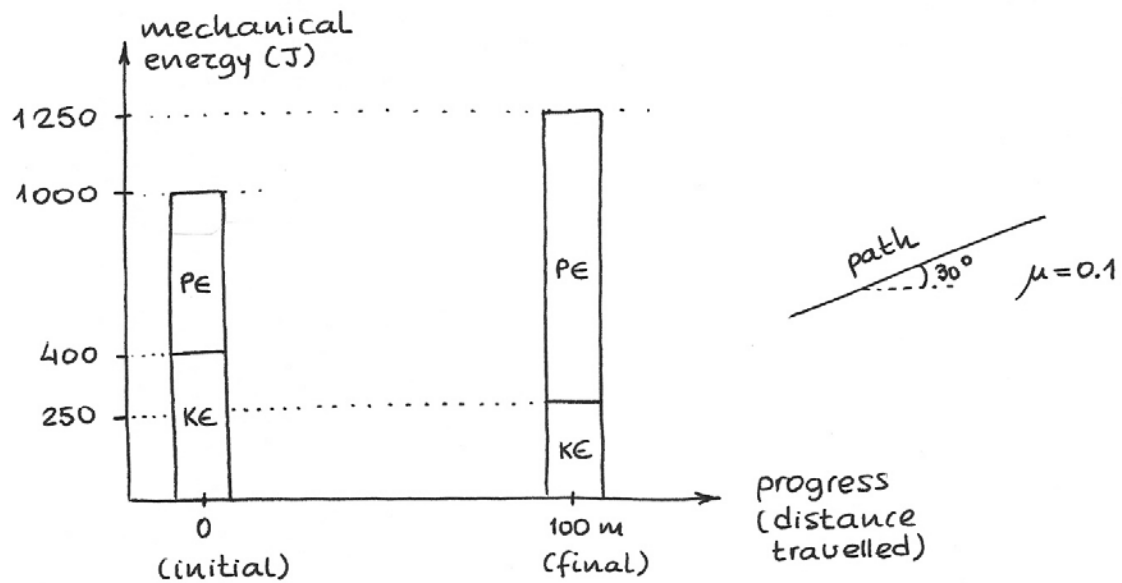


An external force F is applied on a body and its direction is the same as the direction of motion. Based on its energy diagram, determine:



- | | |
|-------------------|-----------------|
| 1) $\Delta KE =$ | 11) $F_{net} =$ |
| 2) $\Delta PE =$ | 12) $a =$ |
| 3) $\Delta E =$ | 13) $F_f =$ |
| 4) $W_{TOTAL} =$ | 14) $F =$ |
| 5) $W_{F, F_f} =$ | |
| 6) $m =$ | |
| 7) $h_i =$ | |
| 8) $h_f =$ | |
| 9) $v_i =$ | |
| 10) $v_f =$ | |