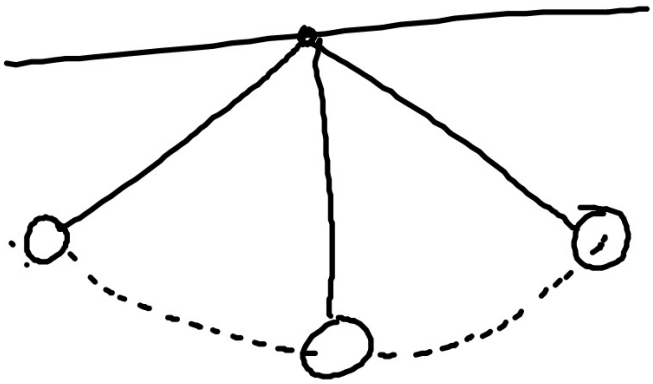
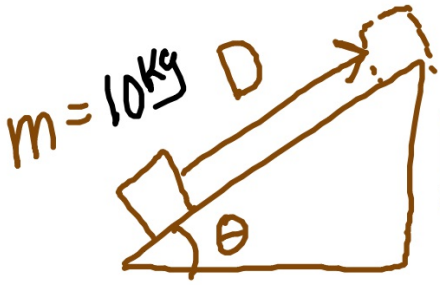
Bellwork



* If the pendulum is released from rest, describe the Energy at the positions shown.

Lab Summary



* Work done by applied force added potential Energy.

↓ BOTTOM

$K = 0\ J$

$+ P = 0\ J$

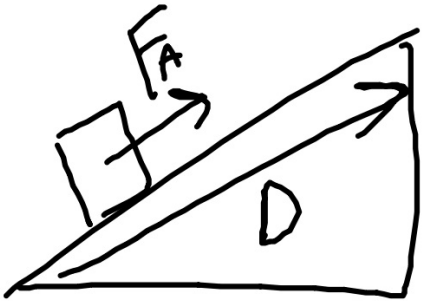
$E = 0\ J$

TOP

$K = 0\ J$

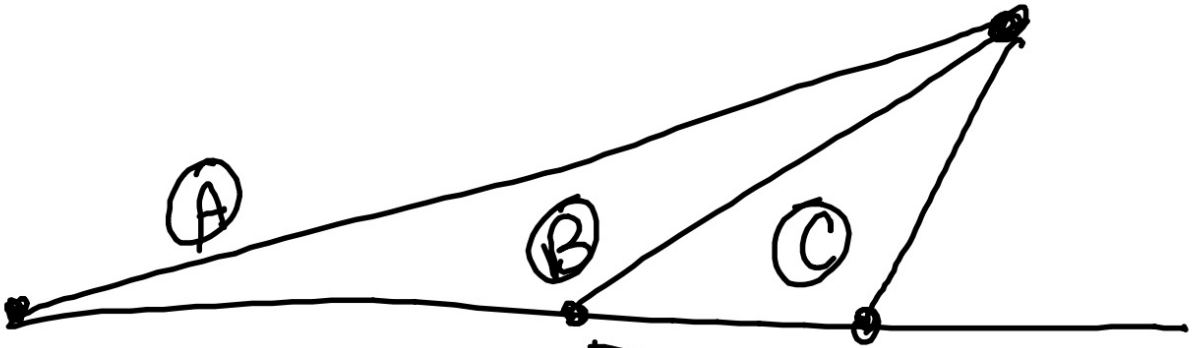
$P = mgh = 98\ J$

$E = 98\ J$



$$W_A = F_A \cdot D = mgh$$

Work done to lift block $=$ Potential Energy At the top.



(A) $W_A = F_A \cdot D$

(B) $W_A = F_A \cdot D$

(C) $W_A = F_A \cdot D$

} same work done for each path