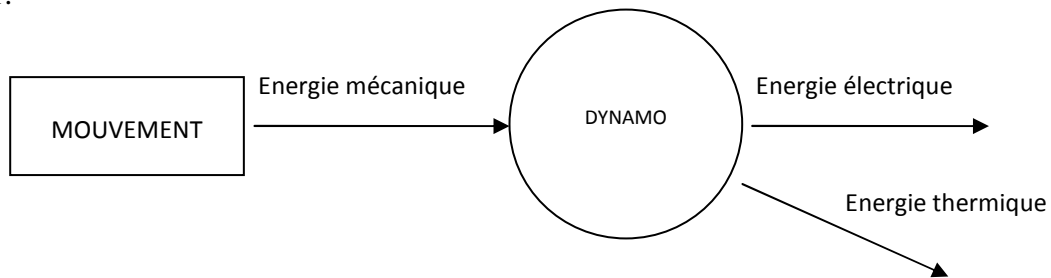


## Exercice 2 (Correction)

1.



2.  $P_u = U \times I = 60 \times 12 = 720 \text{ W}$

3. On a la relation :

$$\eta = \frac{P_u}{P_a} \quad \text{donc} \quad P_a = \frac{P_u}{\eta} = \frac{720}{0,80} = 900 \text{ W}$$

4.  $P_a = P_u + P_p$  donc  $P_p = P_a - P_u = 900 - 720 = 180 \text{ W}$