

$$F = ma$$

$$[N] = \left[ \text{kg} \cdot \frac{\text{m}}{\text{s}^2} \right]$$

$$L = F \cdot s$$

$$[J] = \left[ \text{kg} \cdot \frac{\text{m}}{\text{s}^2} \cdot \text{m} \right] = [N \cdot \text{m}]$$

$$P = m \cdot v$$

(quantità di moto)

$$\left[ \text{kg} \cdot \frac{\text{m}}{\text{s}} \right]$$

$$I = F \cdot s$$

$$[N \cdot s] = \left[ \text{kg} \cdot \frac{\text{m}}{\text{s}^2} \cdot \text{s} \right] = \left[ \text{kg} \cdot \frac{\text{m}}{\text{s}} \right]$$

$$K = \frac{1}{2} m v^2$$

$$[J] = \left[ \text{kg} \cdot \frac{\text{m}}{\text{s}^2} \cdot \text{m} \right] = \left[ \text{kg} \cdot \frac{\text{m}^2}{\text{s}^2} \right]$$

$$U = mgh$$

$$[J] = \left[ \text{kg} \cdot \frac{\text{m}}{\text{s}^2} \cdot \text{m} \right] = \left[ \text{kg} \cdot \frac{\text{m}^2}{\text{s}^2} \right]$$

$$P = \frac{L}{\Delta t}$$

$$[W] = \left[ \frac{N \cdot \text{m}}{\text{s}} \right] = \left[ \frac{J}{\text{s}} \right] = \left[ \frac{\text{kg} \cdot \frac{\text{m}}{\text{s}^2} \cdot \text{m}}{\text{s}} \right] =$$

$$\left[ \frac{\text{kg} \cdot \frac{\text{m}^2}{\text{s}^2}}{\text{s}} \right] = \left[ \text{kg} \cdot \frac{\text{m}^2}{\text{s}^3} \right]$$

Martina e Khalid