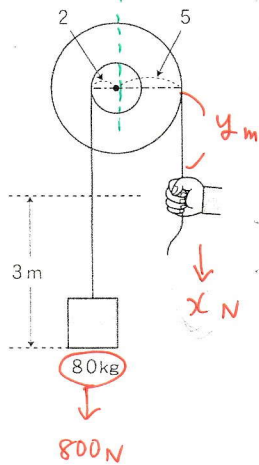


(8)



〔A〕 物体がされた仕事

$$800\text{ N} \times 3\text{ m} = \underline{2400\text{ J}}$$

〔B〕 手がした仕事

$$\begin{cases} \text{手はば} \text{の力?} \rightarrow x\text{ N} \\ \text{何 m?} \rightarrow y\text{ m} \end{cases}$$

$$\begin{aligned} \text{技 1. } 2 \times 800\text{ N} &= 5 \times x\text{ N} \\ 1600\text{ N} &= 5x \\ x &= \underline{320\text{ N}} \end{aligned}$$

$$\begin{aligned} \text{技 2. } 2 : 3\text{ m} &= 5 : y\text{ m} \\ 2y &= 15 \\ y &= \frac{15}{2} \\ y &= \underline{7.5\text{ m}} \end{aligned}$$

$$\text{仕事} \dots 320\text{ N} \times 7.5\text{ m} = \underline{2400\text{ J}}$$

$$\begin{array}{r} 32 \\ \times 75 \\ \hline 160 \\ 224 \\ \hline 2400 \end{array}$$