

建材: $CF = ma$

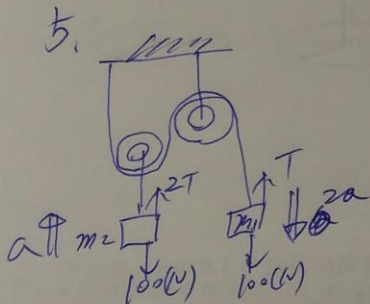
$$T - \frac{196}{2} = 20 \times 0.2$$

$$\therefore T = \frac{196}{2} + 4 = 100\text{N}$$

人: $(\text{合} \rho = 20)$

$$T + N = 686$$

$$\rightarrow N = 686 - 100 = 586\text{N}$$



$CF = ma$

$$m_1: 100 - T = 10 \times 2a \dots \textcircled{1}$$

$$m_2: 2T - 100 = 10 \times a \dots \textcircled{2}$$

$$\textcircled{1} \times 2 + \textcircled{2}: 100 = 30a$$

$$\therefore a = \frac{10}{3}\text{m/s}^2$$

✓ #