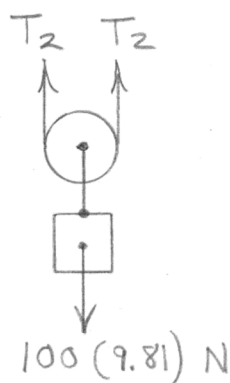
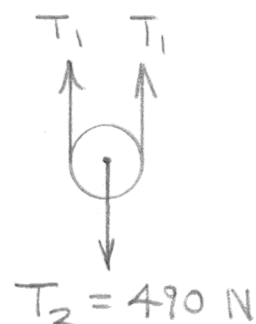


3/17



$$\text{From } \uparrow \Sigma F = 0, \quad T_2 = \frac{100(9.81)}{2}$$
$$T_2 = 490 \text{ N}$$



$$\text{Similarly, } T_1 = \frac{1}{2} T_2$$
$$= \frac{1}{2} (490) = \underline{245 \text{ N}}$$

WILEY