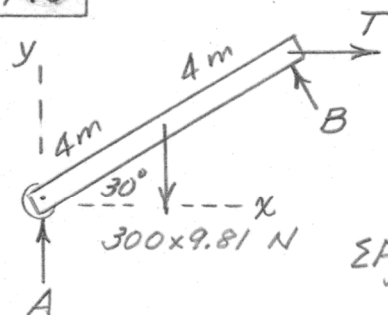


3/18



$$\sum M_B = 0;$$

$$300(9.81) 4 \cos 30^\circ$$

$$- 8A \cos 30^\circ = 0, \quad A =$$

$$\underline{A = 1472 \text{ N}}$$

$$\sum F_y = 0; \quad B \cos 30^\circ + 1472$$

$$- 300(9.81) = 0$$

$$B = 1699 \text{ N}$$

$$\sum F_x = 0; \quad T - 1699 \sin 30^\circ = 0, \quad \underline{T = 850 \text{ N}}$$

WILEY