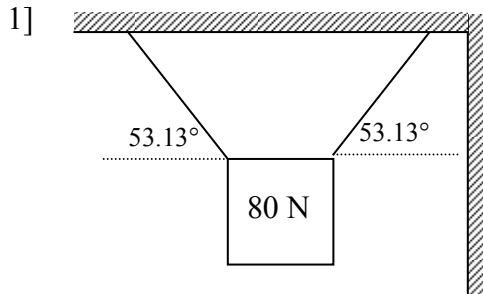
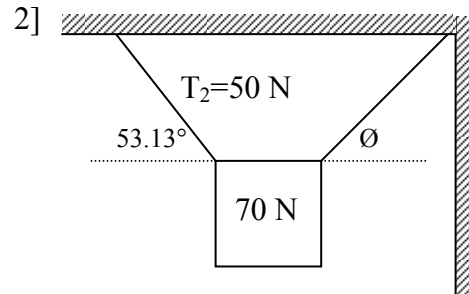


W3.03**STATIC EQUILIBRIUM-KEY**

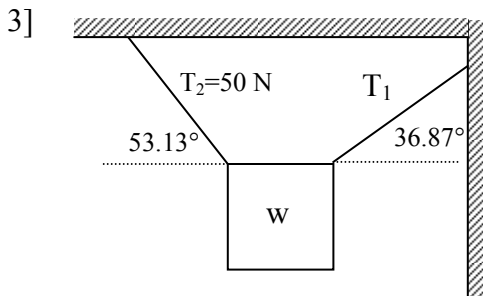
Hanging Boxes-C



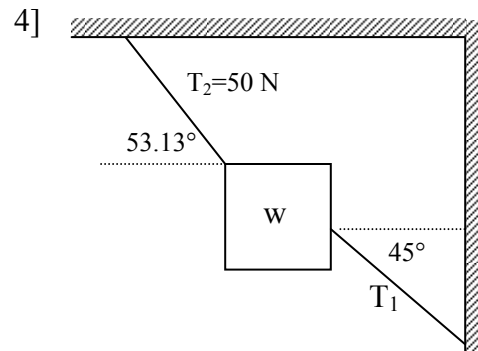
$$T_1 = \underline{50 \text{ N}} \quad T_2 = \underline{50 \text{ N}}$$



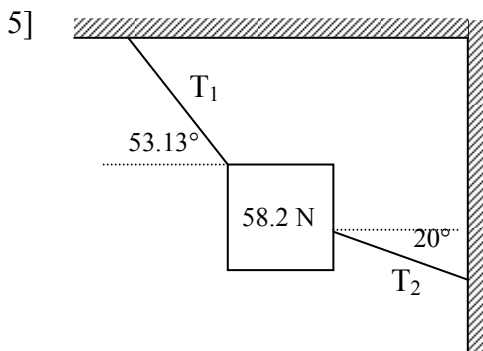
$$T_1 = \underline{42.43 \text{ N}} \quad \theta = \underline{45^\circ}$$



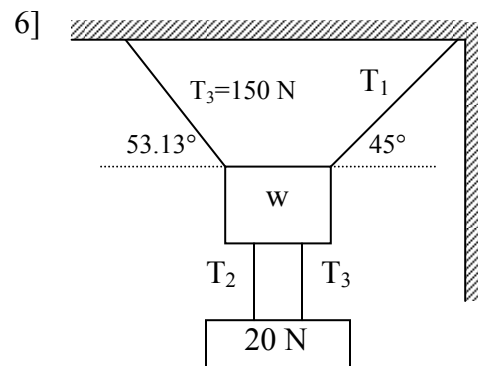
$$T_1 = \underline{37.5 \text{ N}} \quad w = \underline{62.5 \text{ N}}$$



$$T_1 = \underline{42.43 \text{ N}} \quad w = \underline{10 \text{ N}}$$



$$T_1 = \underline{100 \text{ N}} \quad T_2 = \underline{63.8 \text{ N}}$$



$$T_1 = \underline{127.28 \text{ N}} \quad T_2 = \underline{10 \text{ N}}$$

$$T_3 = \underline{10 \text{ N}} \quad w = \underline{190 \text{ N}}$$