

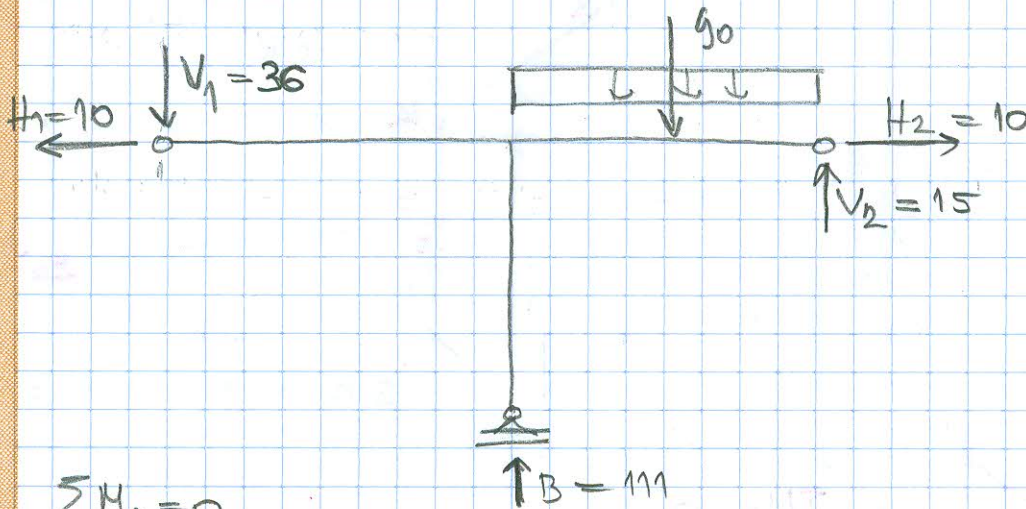
TRAŽIM $V_C \rightarrow$ KADA TO DOBIJEŠ, ONDA PREMA $\sum H, \sum V$ TRAŽIM V_2, H_2

$$\sum M_2 = 0$$

$$150 \cdot 5 - V_C \cdot 5 - V_D \cdot 14 + H_D \cdot 6 = 0 \rightarrow V_C = \frac{900}{5} = 180 \text{ kN}$$

$$\sum V = 0 \quad -V_2 + V_C - 150 + V_D = 0 \quad V_2 = 15 \text{ kN}$$

$$\sum H = 0 \quad -H_2 - H_D = 0 \quad H_2 = 10 \text{ kN}$$

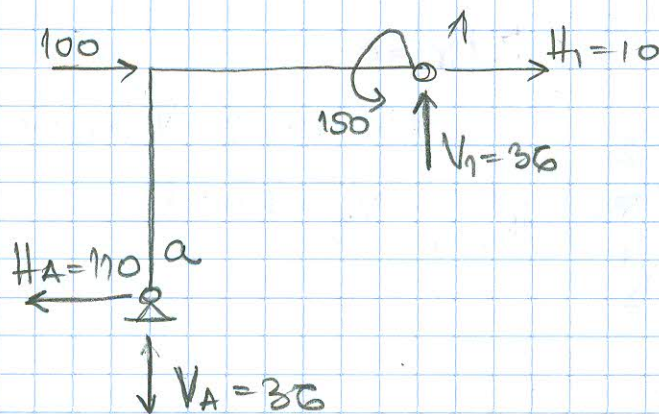


$$\sum M_1 = 0$$

$$-B \cdot 5 + 90 \cdot 8 - V_2 \cdot 11 = 0 \rightarrow B = \frac{555}{5} = 111 \text{ kN}$$

$$\sum V = 0 \quad -V_1 + B + V_2 - 90 = 0 \quad V_1 = 36 \text{ kN}$$

$$\sum H = 0 \quad -H_1 + H_2 = 0 \quad H_1 = 10 \text{ kN}$$



$$\sum H = 0 \quad -H_A + 100 + H_1 = 0$$

$$H_A = 110 \text{ kN}$$

$$\sum V = 0 \quad -V_A + V_1 = 0$$

$$V_A = 36 \text{ kN}$$

KONTROLA: $\sum M_A = 0 \quad 100 \cdot 3 - 150 - 36 \cdot 5 + 10 \cdot 3 = 0$