

$$\sum F_x = 0 \quad R_{Ax} - 2T = 0 \quad \boxed{R_{Ax} = 2T}$$

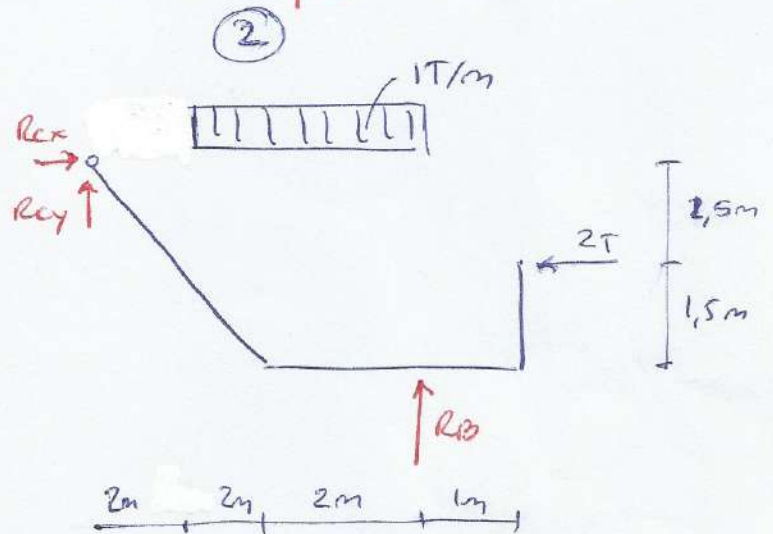
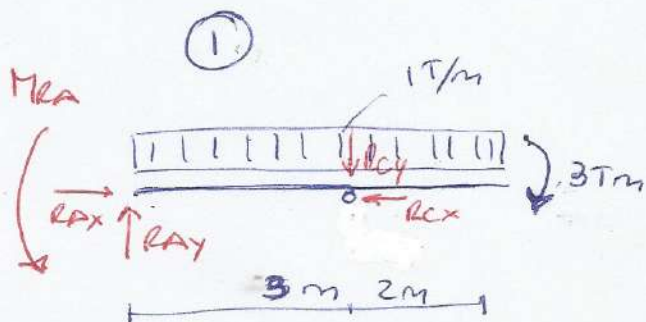
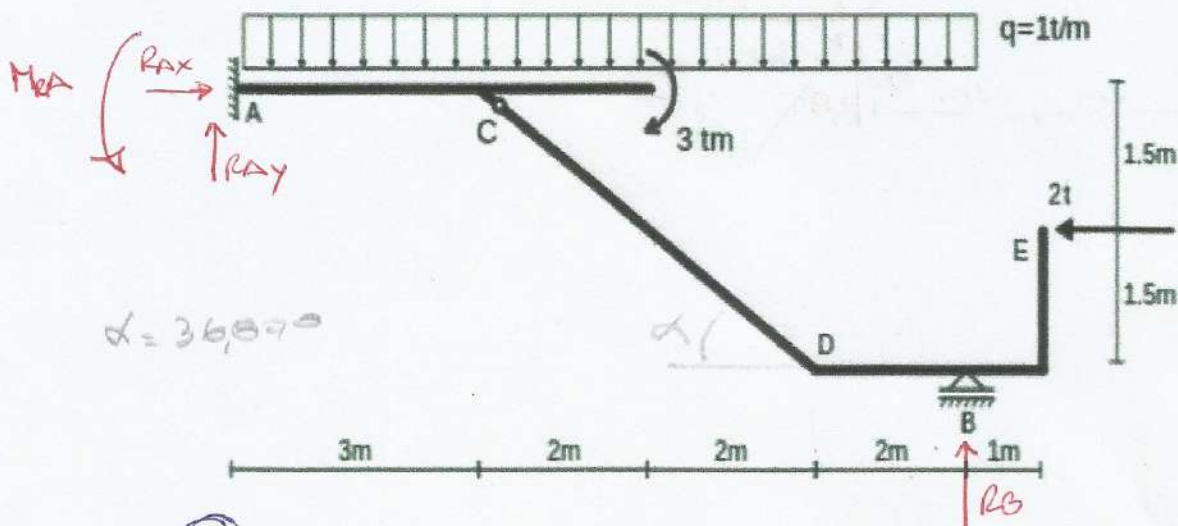
$$\sum M_A = 0 \quad -M_{RA} + 3Tm + 1\frac{T}{m} \cdot 9m \cdot 4,5m + 2T \cdot 1,5m - R_B \cdot 9m = 0$$

$$\sum M_{C_{per}} = 0 \quad -R_B \cdot 6m + 2T \cdot 1,5m + 1\frac{T}{m} \cdot 4m \cdot 4m = 0$$

$$R_B = \frac{3Tm + 16Tm}{6m} \quad \boxed{R_B = 3,17T}$$

$$M_{RA} = 3Tm + 40,5Tm + 3Tm - 28,53Tm \Rightarrow \boxed{M_{RA} = 17,97Tm}$$

$$\sum F_y = 0 \rightarrow R_{Ay} - 1\frac{T}{m} \cdot 9m + 3,17T = 0 \quad \boxed{R_{Ay} = 5,83T}$$



$$\textcircled{2} \quad \sum M_C = 0$$

$$4m \cdot 1\frac{T}{m} \cdot 4m - R_B \cdot 6m + 2T \cdot 1,5m = 0$$

$$\boxed{R_B = 3,17T}$$

$$\sum F_x = 0 \quad R_{Cx} - 2T = 0 \Rightarrow \boxed{R_{Cx} = 2T}$$

$$\sum F_y = 0$$

$$R_{Cy} - 4T + 3,17T = 0 \quad \boxed{R_{Cy} = 0,83T}$$

$$\textcircled{1} \quad \sum M_A = 0 \quad -M_{RA} + 1\frac{T}{m} \cdot 5m \cdot 2,5m + 3Tm + 0,83T \cdot 3m = 0$$

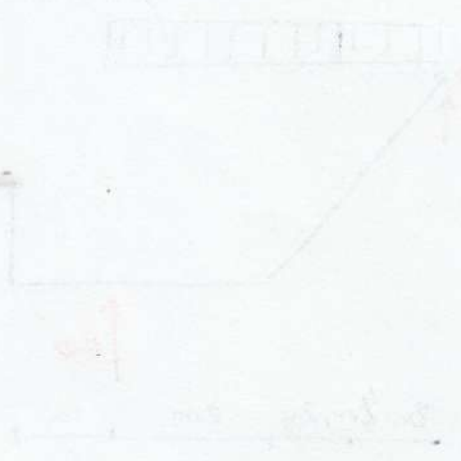
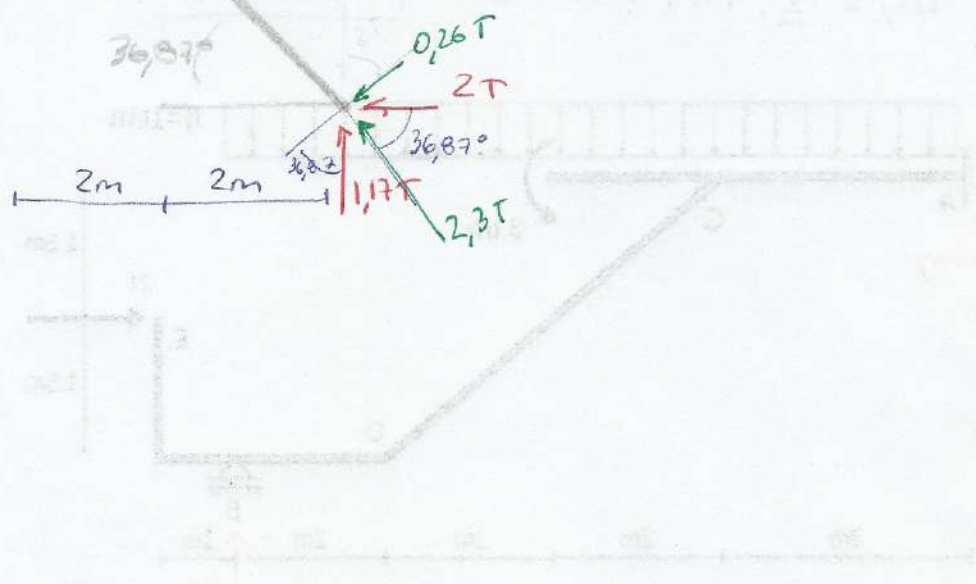
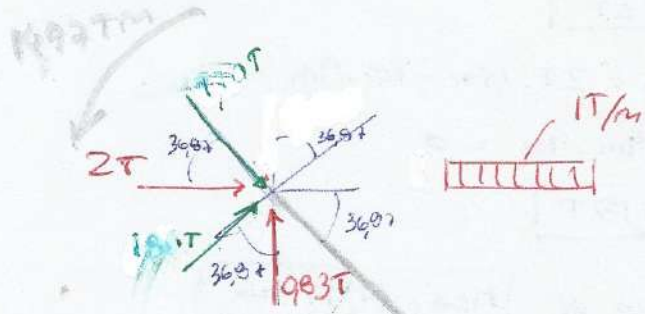
$$\boxed{M_{RA} = 17,99Tm}$$

$$\sum F_x = 0 \quad R_{Ax} - R_{Cx} = 0$$

$$R_{Ax} = R_{Cx} \quad \boxed{R_{Ax} = 2T}$$

$$\sum F_y = 0 \quad R_{Ay} - 5T - 0,83T = 0$$

$$\boxed{R_{Ay} = 5,83T}$$



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