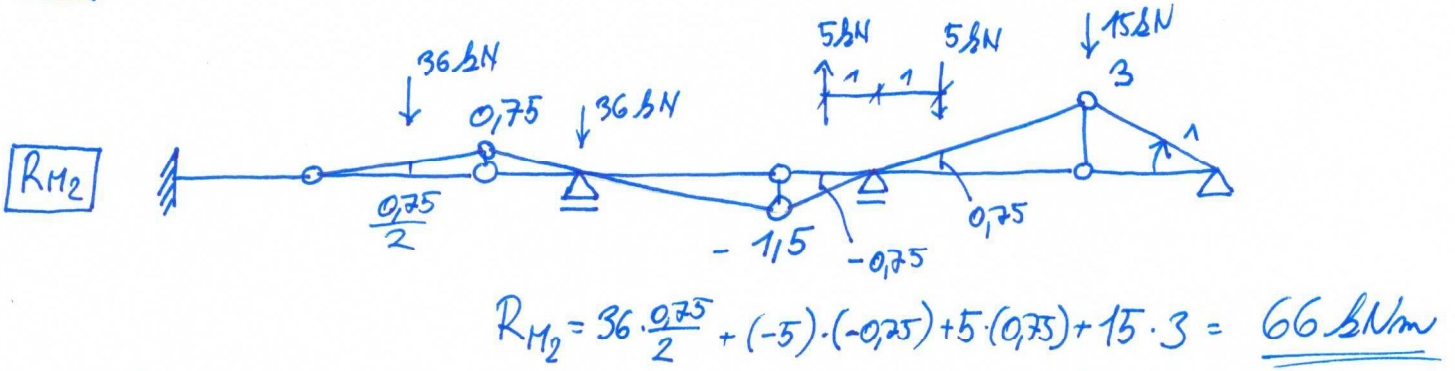
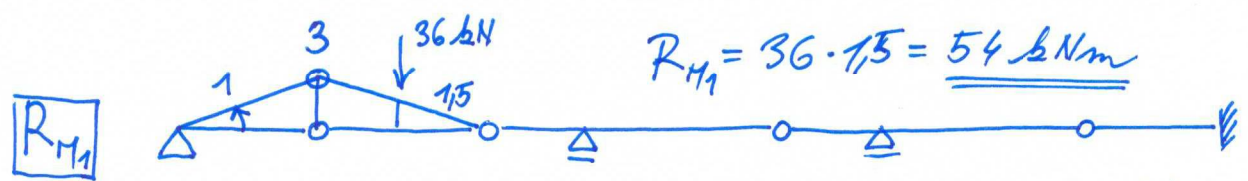
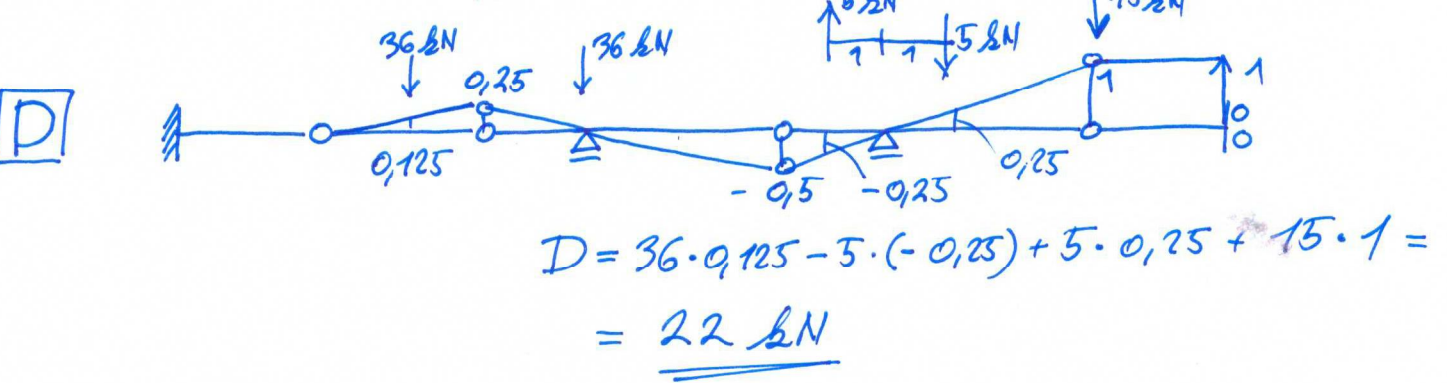
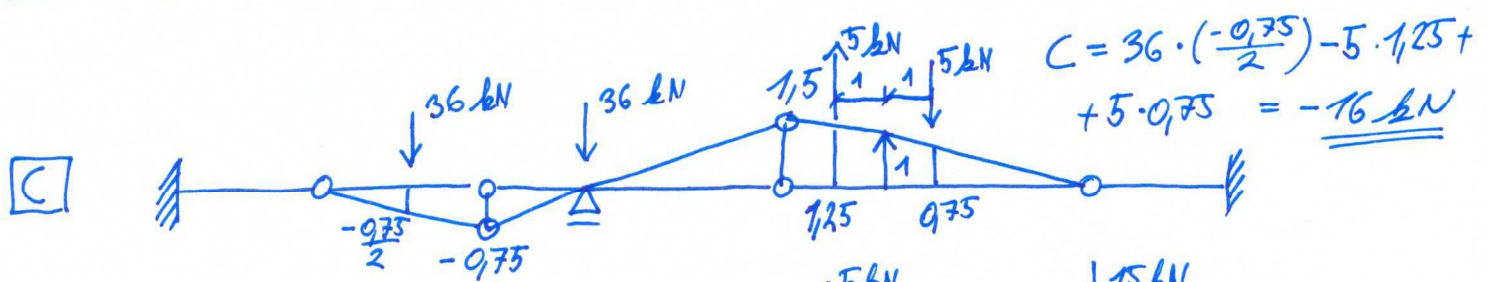
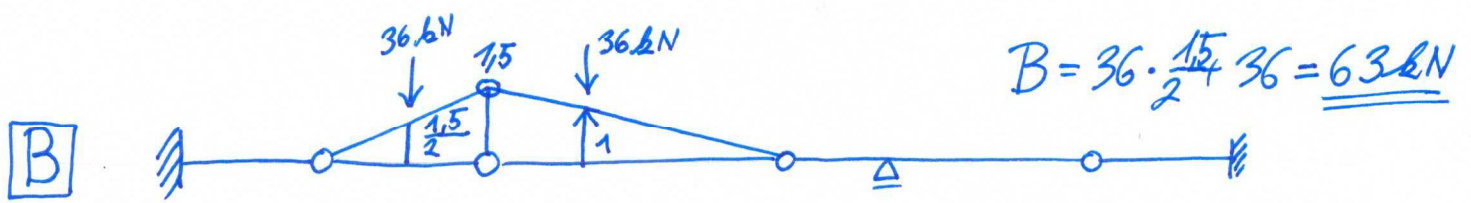
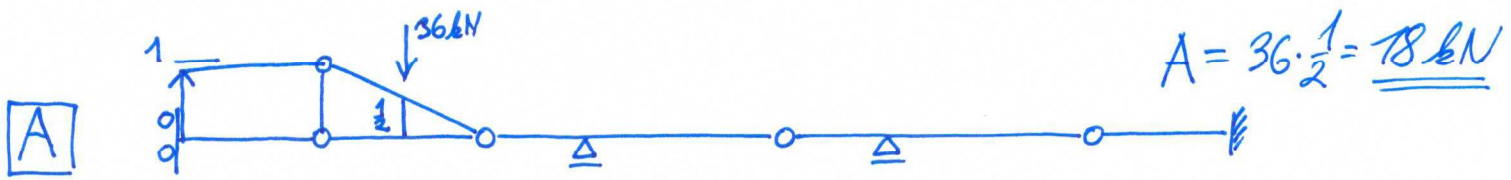
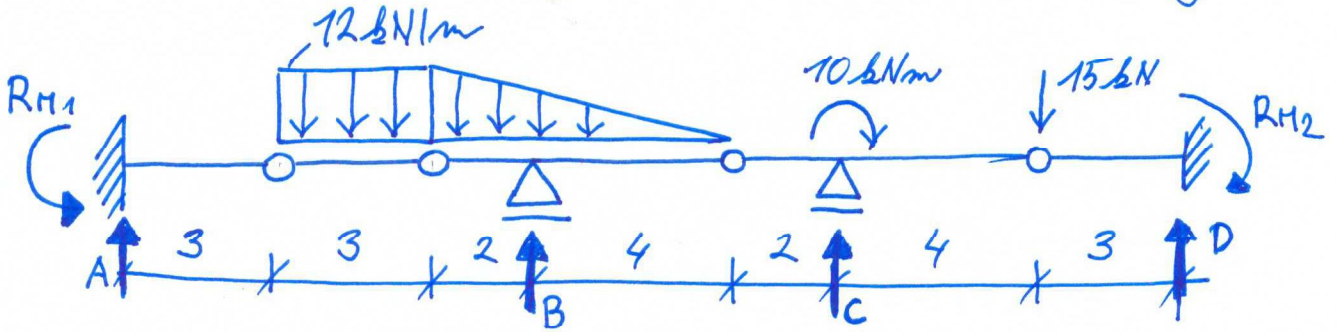
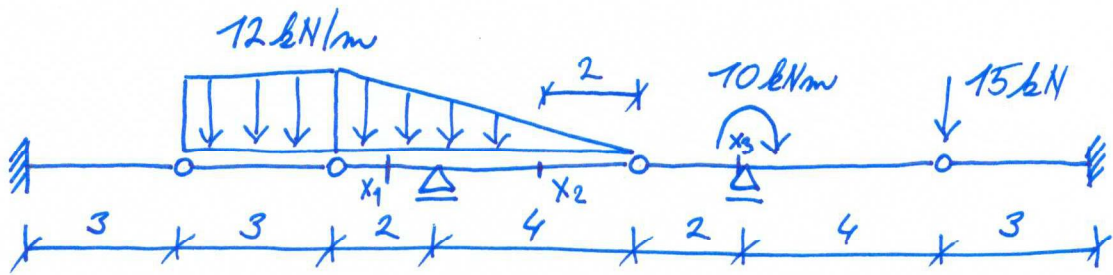
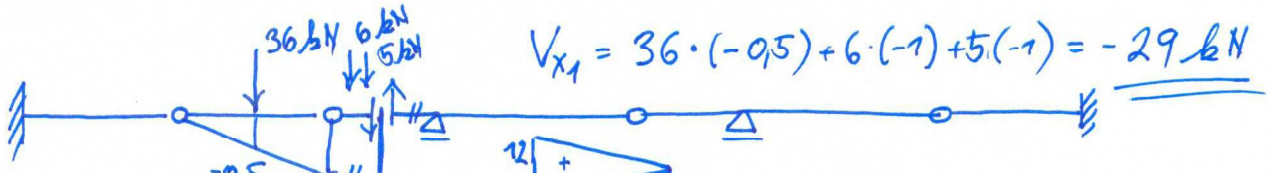


Výsledke donevlečiny a pětinkové zářij.



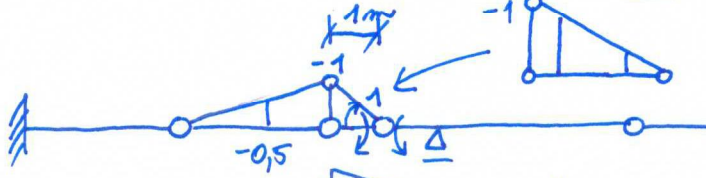


V_{x1}



$$V_{x1} = 36 \cdot (-0,5) + 6 \cdot (-1) + 5 \cdot (-1) = -29 \text{ kN}$$

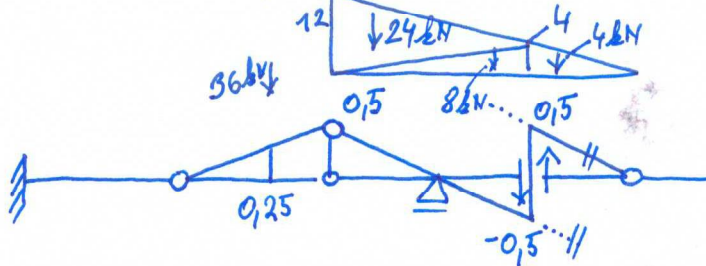
M_{x1}



$$M_{x1} = 36 \cdot (-0,5) + 6 \cdot \left(-\frac{2}{3}\right) + 5 \cdot \left(-\frac{1}{3}\right)$$

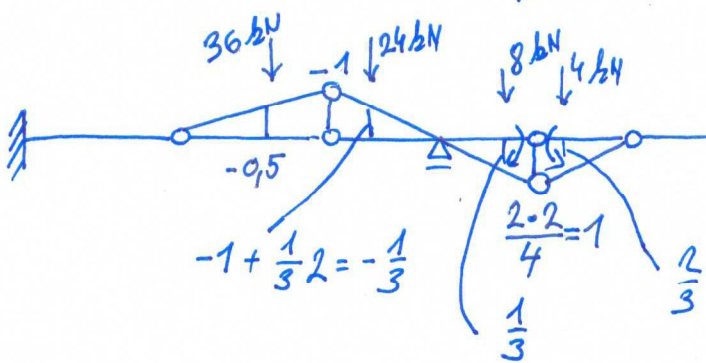
$$= -23,6 \text{ kNm}$$

V_{x2}



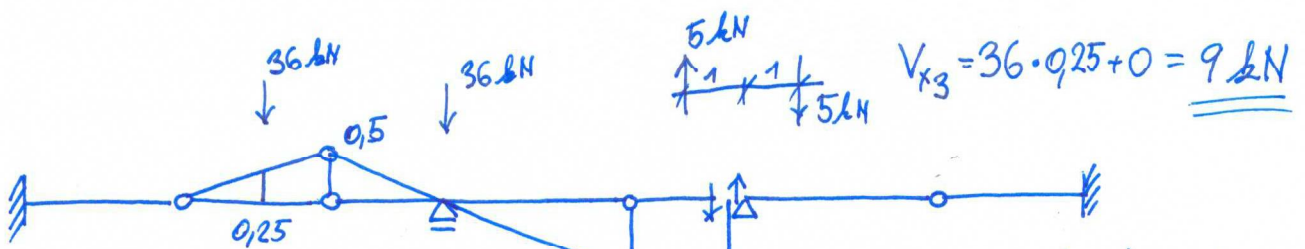
$$V_{x2} = 36 \cdot 0,25 + 24 \cdot \left(0,5 - \frac{1}{3}\right) + 8 \cdot \left(-0,5 + \frac{1}{3}\right) + 4 \cdot \frac{2}{3} \cdot 0,5 = 13 \text{ kN}$$

M_{x2}



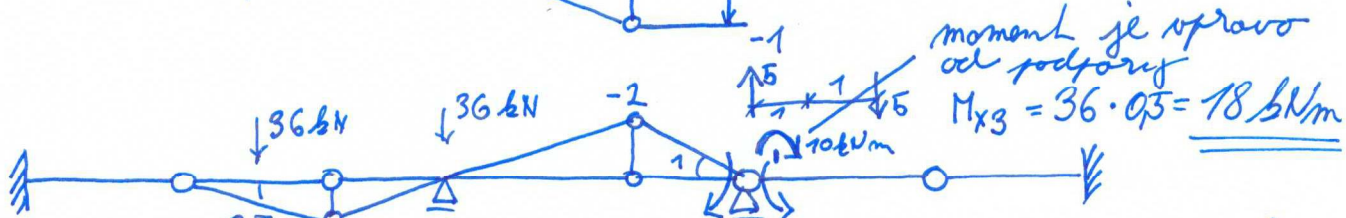
$$M_{x2} = 36 \cdot (-0,5) + 24 \cdot \left(-\frac{1}{3}\right) + 8 \cdot \frac{1}{3} + 4 \cdot \frac{2}{3} = -20,6 \text{ kNm}$$

V_{x3}



$$V_{x3} = 36 \cdot 0,25 + 0 = 9 \text{ kN}$$

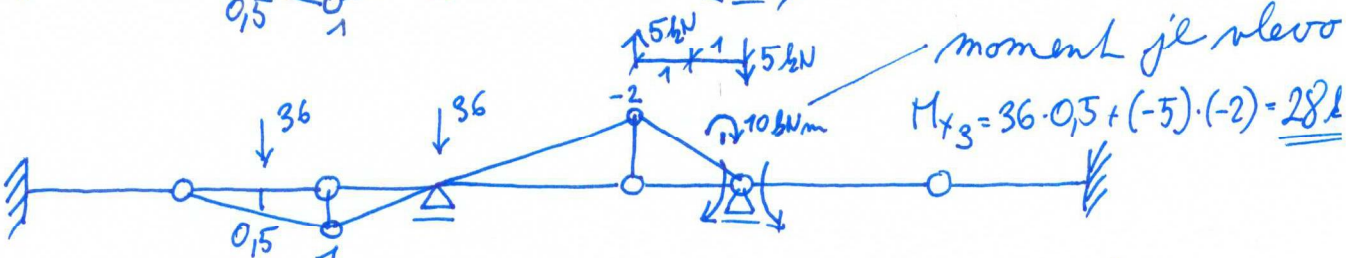
M_{x3}



moment je vpravo od podpory

$$M_{x3} = 36 \cdot 0,25 = 18 \text{ kNm}$$

M_{x3}



moment je vlevo

$$M_{x3} = 36 \cdot 0,25 + (-5) \cdot (-2) = 28 \text{ kNm}$$

Osamělý moment lze posouvat po jedné přímce.

