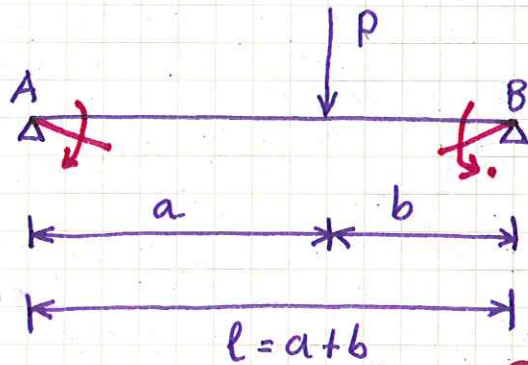


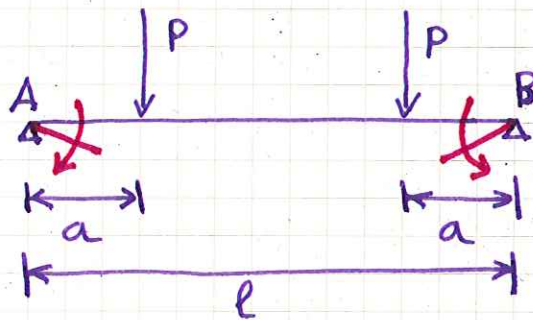


$$\varphi_A = \frac{Pab}{6EI} (l+b)$$

$$\varphi_B = \frac{Pab}{6EI} (l+a)$$

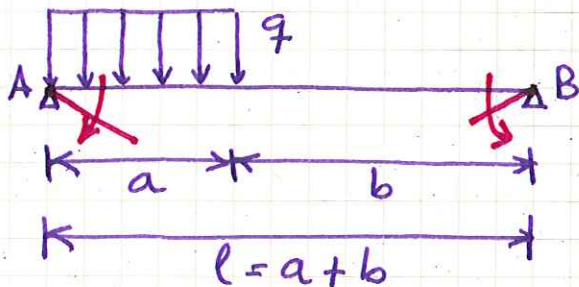
si $a = b = \frac{l}{2} \Rightarrow$

$$\begin{cases} \varphi_A = \frac{Pl^2}{16EI} \\ \varphi_B = \frac{Pl^2}{16EI} \end{cases}$$



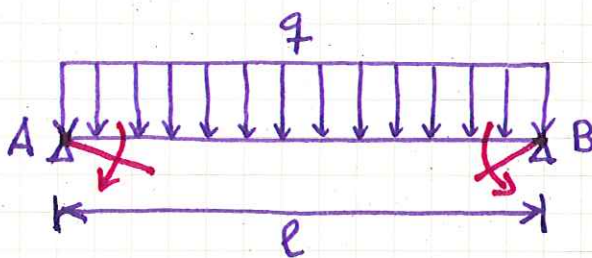
$$\varphi_A = \frac{Pa(l-a)}{2EI}$$

$$\varphi_B = \frac{Pa(l-a)}{2EI}$$



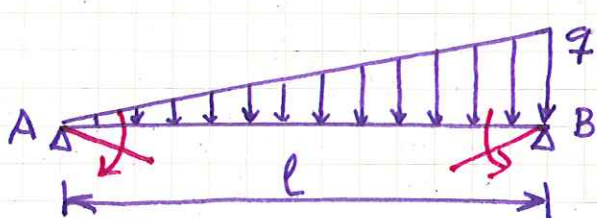
$$\varphi_A = \frac{qa^2}{24EI} (l+b)^2$$

$$\varphi_B = \frac{qa^2}{24EI} (2l-a^2)$$



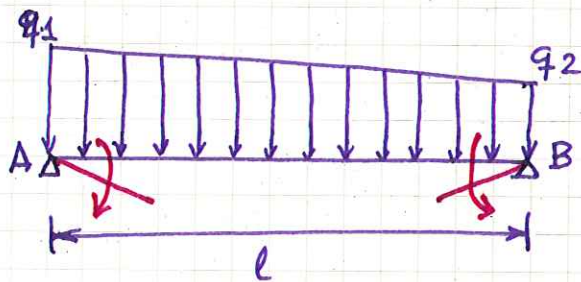
$$\varphi_A = \frac{ql^2}{24EI}$$

$$\varphi_B = \frac{ql^2}{24EI}$$



$$\varphi_A = \frac{7ql^3}{360EI}$$

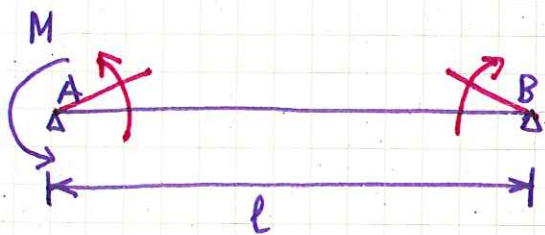
$$\varphi_B = \frac{ql^3}{45EI}$$



$$\varphi_A = \frac{l^3}{360EI} (8q_1 + 7q_2)$$

$$\varphi_B = \frac{l^3}{360EI} (7q_1 + 8q_2)$$

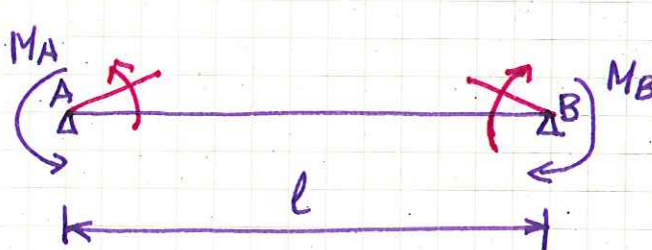
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$$\varphi_A = \frac{Ml}{3EI}$$

$$\varphi_B = \frac{Ml}{6EI}$$

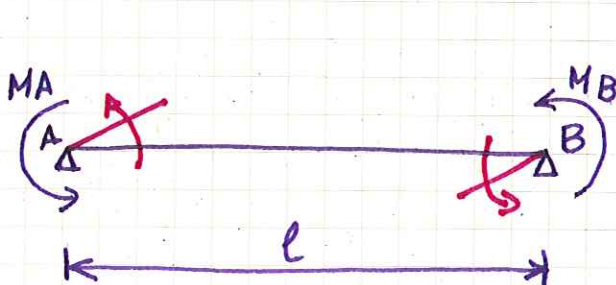
— // —



$$\varphi_A = \frac{2MA + MB}{6EI} l$$

$$\varphi_B = \frac{MA + 2MB}{6EI} l$$

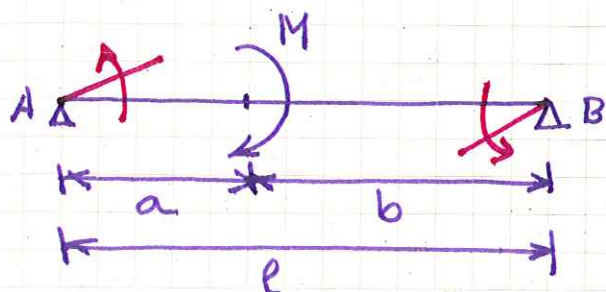
— // —



$$\varphi_A = \frac{2MA - MB}{6EI} l$$

$$\varphi_B = \frac{2MB - MA}{6EI} l$$

— // —



$$\varphi_A = \frac{Ml}{6EI} \left(3 \frac{b^2}{l^2} - 1 \right)$$

$$\varphi_B = \frac{Ml}{6EI} \left(3 \frac{a^2}{l^2} - 1 \right)$$