

Remarks: See §2.2.1, pages 19 till 21
See §2.3, pages 24 till 26
See §2.6, pages 34 onwards

Answers :

$$\Delta \ell = 2,5 \text{ mm}$$

Explanation:

$$\Delta \ell = \frac{N \ell}{EA} \rightarrow \Delta \ell \text{ evenredig met } N$$

$$\Delta \ell = \frac{5}{3} \times (1,5 \text{ mm})$$