

str. 136 / úloha 737

$$L_{\Delta} = Q = ? \text{ [J]}$$

$$m = 2,5 \text{ kg}$$

$$l_{\Delta} = 280 \frac{\text{kJ}}{\text{kg}} = 280\,000 \frac{\text{J}}{\text{kg}}$$

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$$L_{\Delta} = m \cdot l_{\Delta}$$

$$L_{\Delta} = 2,5 \cdot 280\,000$$

$$L_{\Delta} = 700\,000 \text{ J} = 700 \text{ kJ}$$

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Železu musíme dodat 700 kJ tepla.