

NY.

205.

Dikno:

Diemerue:

$t_1 = 100^\circ\text{C}$
 $t_2 = 20^\circ\text{C}$
 $h = ?$

$$Q = \frac{1}{2} E_n = \frac{1}{2} mgh.$$

$$Q = cm(t_2 - t_1)$$

$$\frac{1}{2} mgh = cm(t_2 - t_1)$$

$$h = \frac{2c(t_2 - t_1)}{g}$$

$$h = \frac{2 \cdot 4200}{10} (100 - 20) = 67200 \mu = 67,2 \text{ Km}$$

Om ber: 67200 μ .