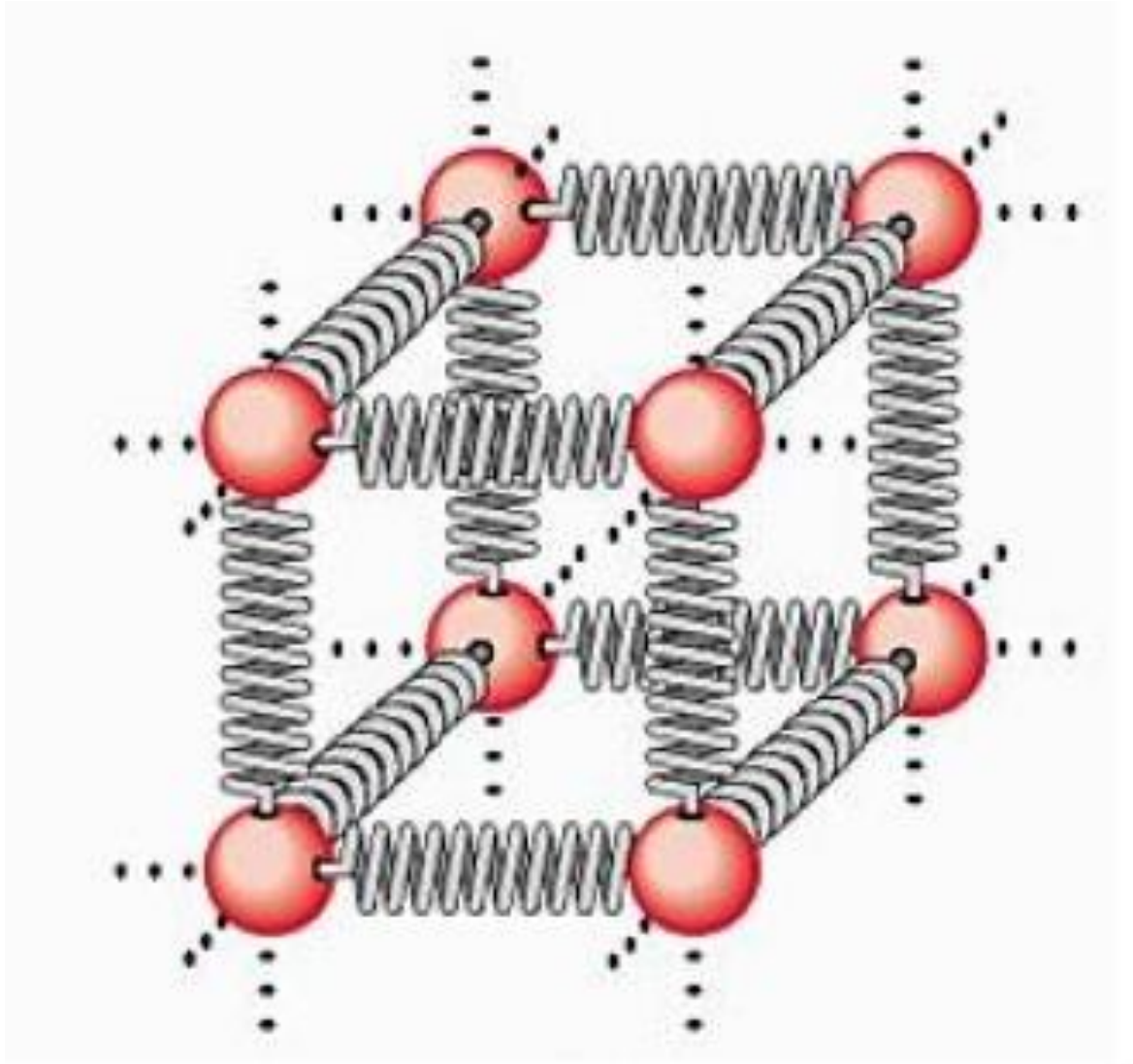
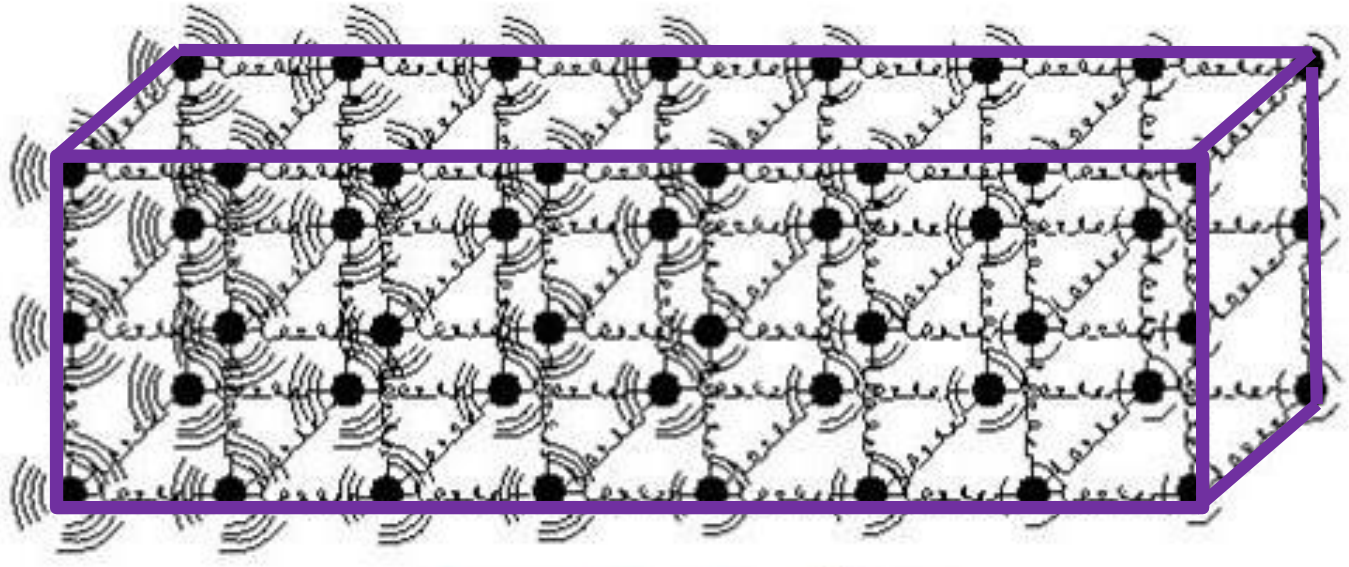
Dilatação dos sólidos

Prof. Jadoski
Física

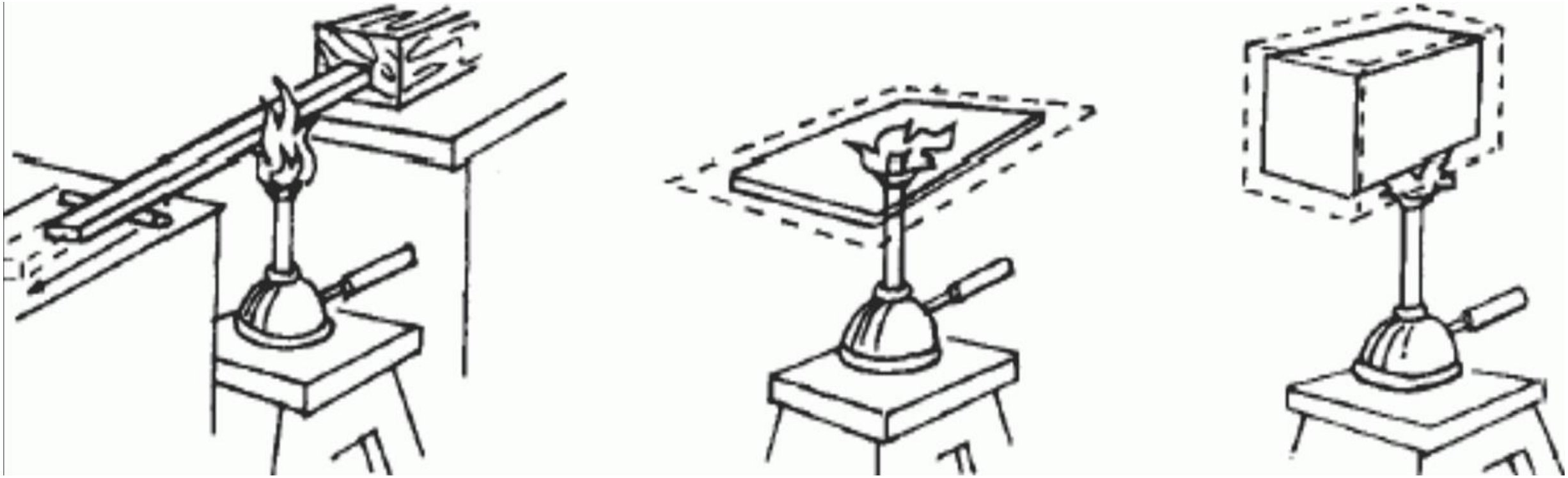
Dilatação



Dilatação

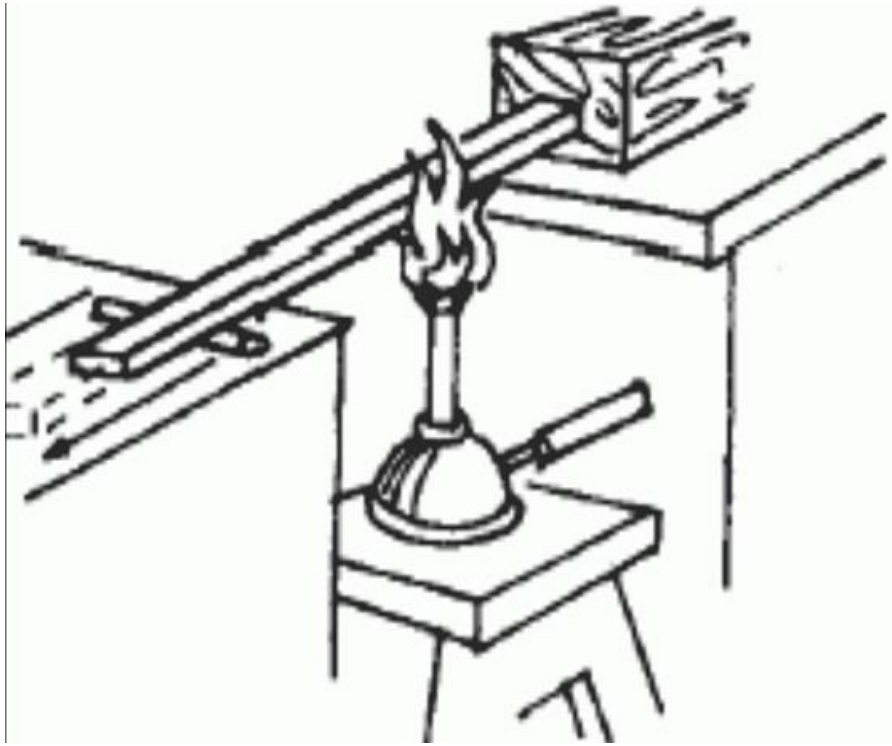


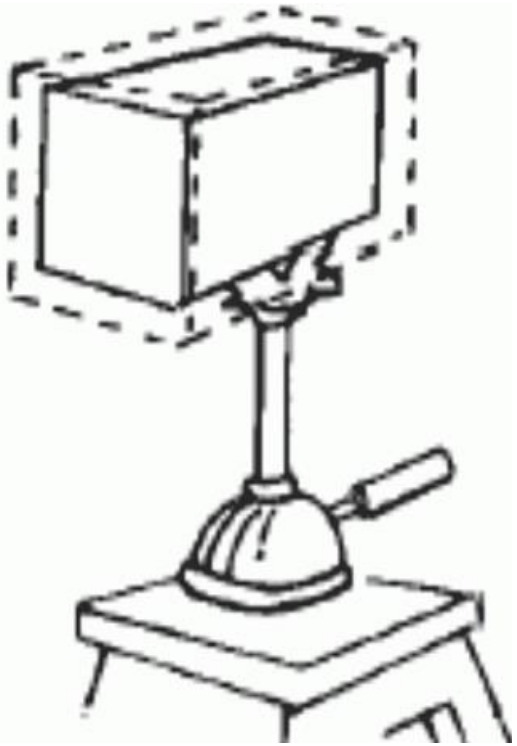
Dilatação linear



$$\Delta L = L_0 \cdot \alpha \cdot \Delta T$$

Dilatação superficial

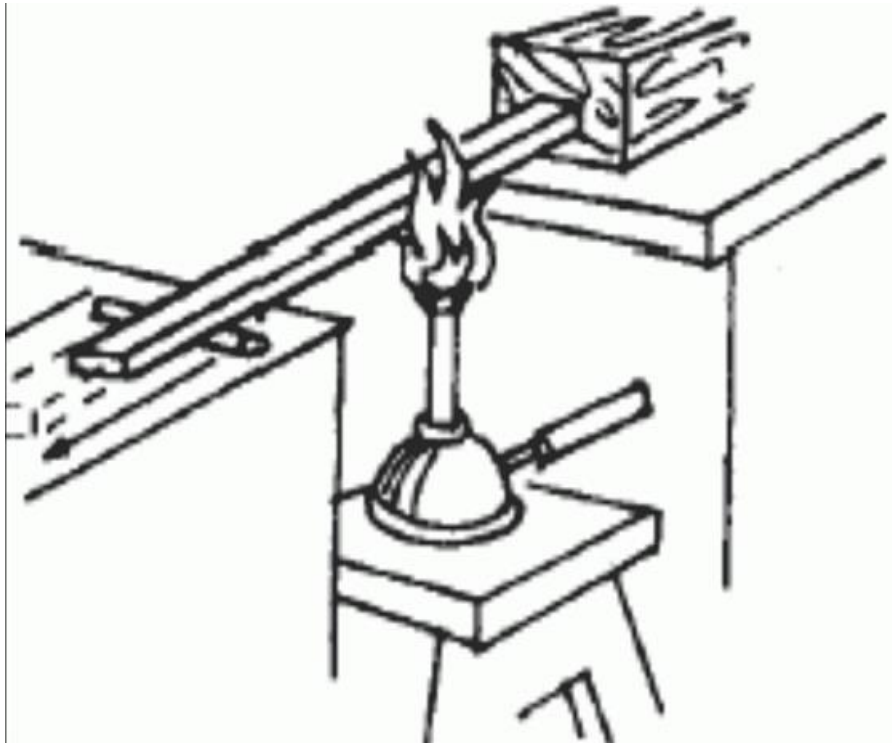


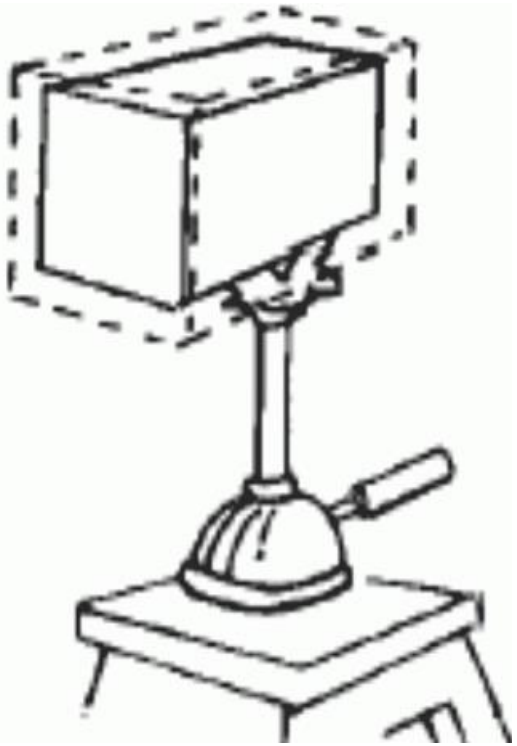


$$\Delta L = L_0 \cdot \alpha \cdot \Delta T$$

$$\Delta A = A_0 \cdot \beta \cdot \Delta T$$

Dilatação volumétrica



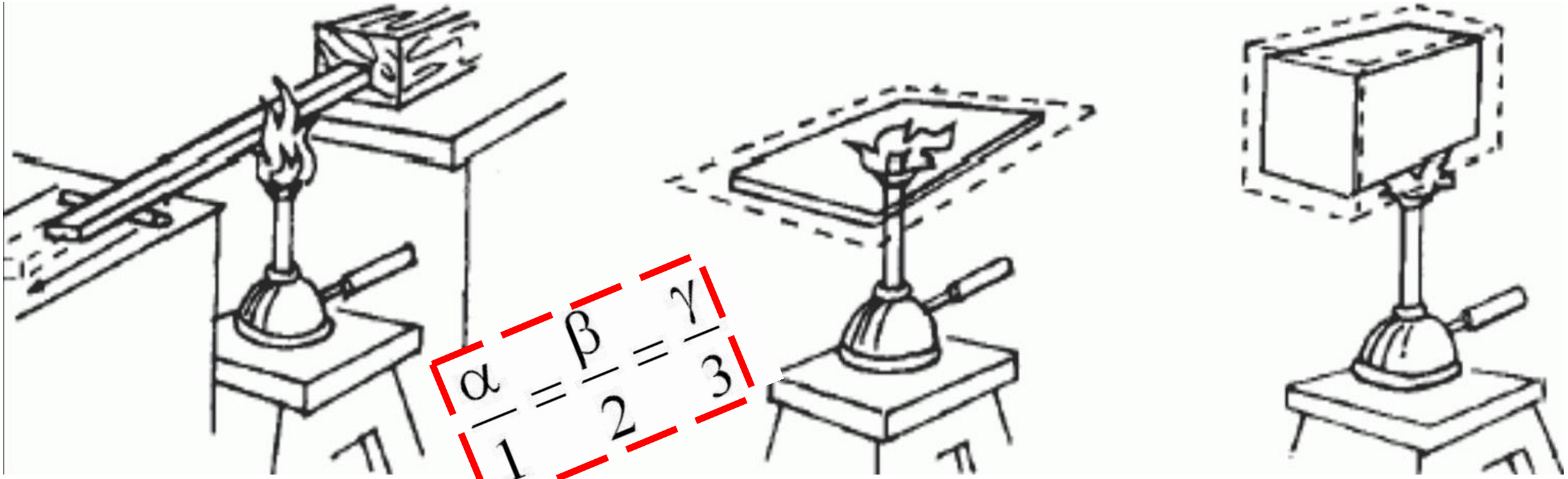


$$\Delta L = L_0 \cdot \alpha \cdot \Delta T$$

$$\Delta A = A_0 \cdot \beta \cdot \Delta T$$

$$\Delta V = V_0 \cdot \gamma \cdot \Delta T$$

Dilatação dos sólidos



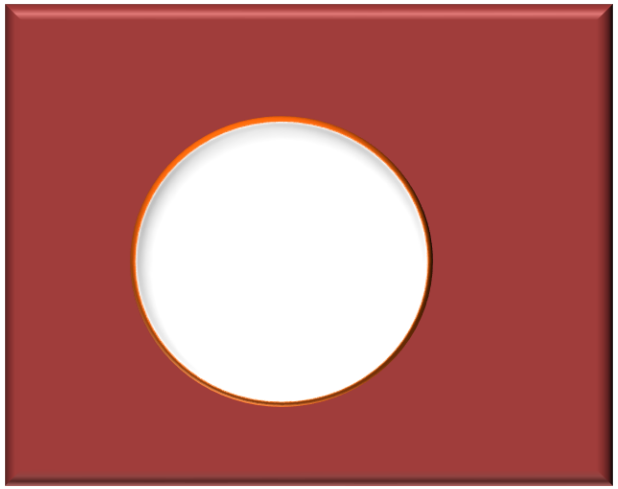
$$\frac{\alpha}{1} = \frac{\beta}{2} = \frac{\gamma}{3}$$

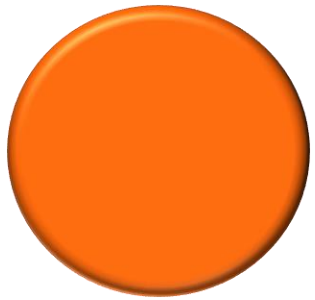
$$\Delta L = L_0 \cdot \alpha \cdot \Delta T$$

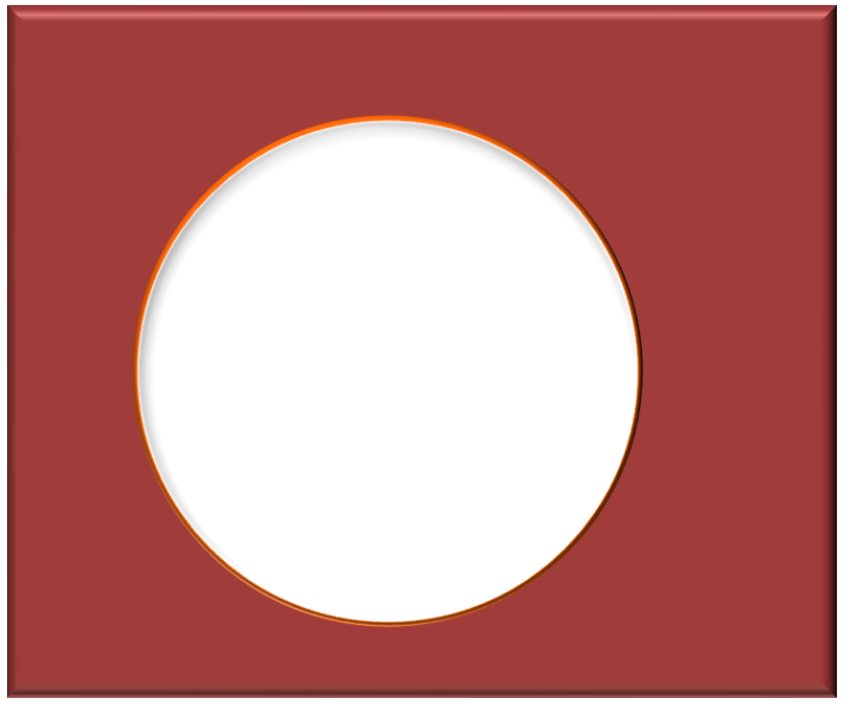
$$\Delta A = A_0 \cdot \beta \cdot \Delta T$$

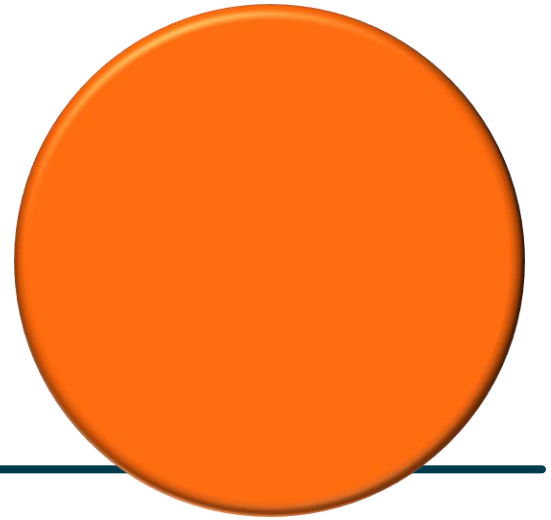
$$\Delta V = V_0 \cdot \gamma \cdot \Delta T$$

Dilatação







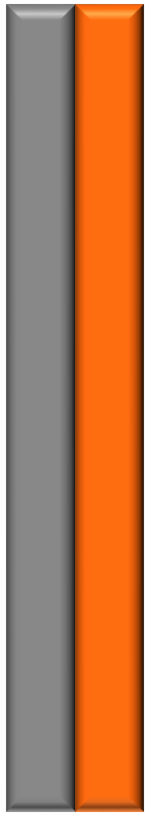


Dilatação

Dilatação

Dilatação

$\alpha_1 > \alpha_2$

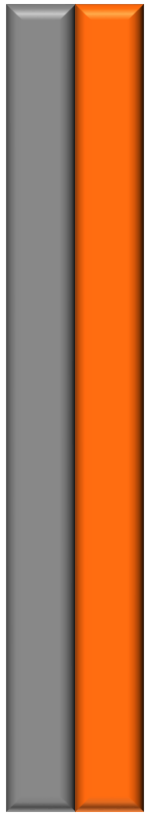


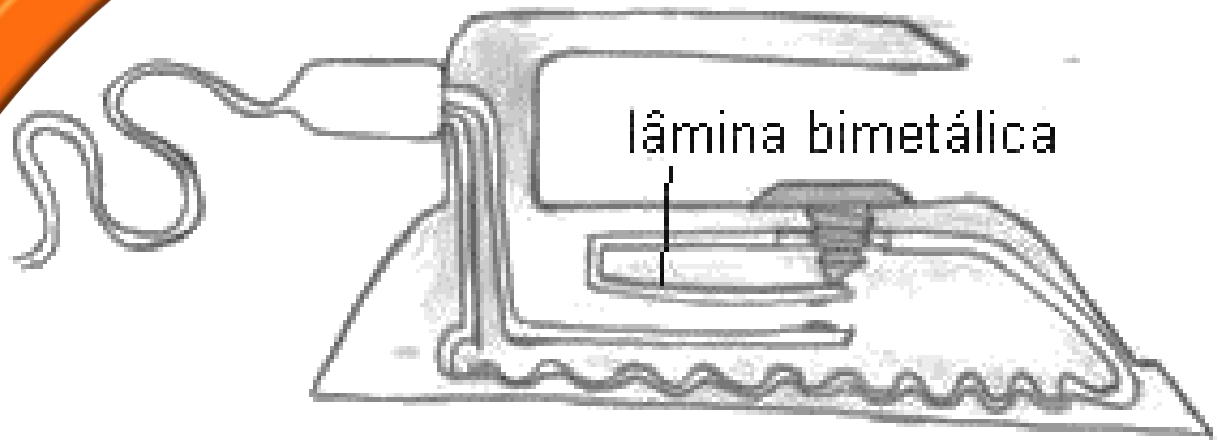
Dilatação

$\alpha_1 > \alpha_2$

Dilatação

$\alpha_1 > \alpha_2$





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