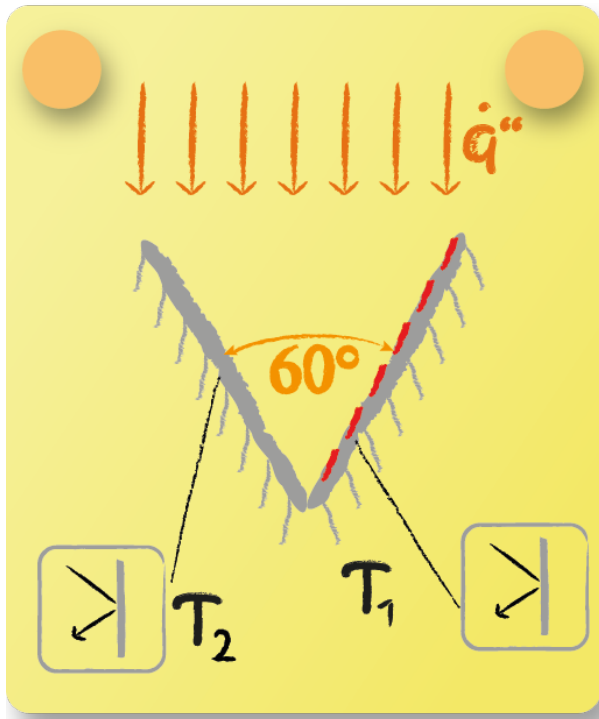# Surface Brightness: Task 35

The image shows two grey bodies that are partially reflecting incoming radiation.

1 $\dot{Q}_1 = \sigma \cdot \epsilon_1 \cdot A_1 \cdot T_1^4 + \rho_1 \cdot \phi_{2,1} \cdot \dot{Q}_2 + \rho_1 \cdot \dot{q}'' \cdot \sin(\frac{60°}{2}) \cdot A_1$

2 The surface brightness contains emission of body one. Further more body two's radiation and external radiation are reflected.