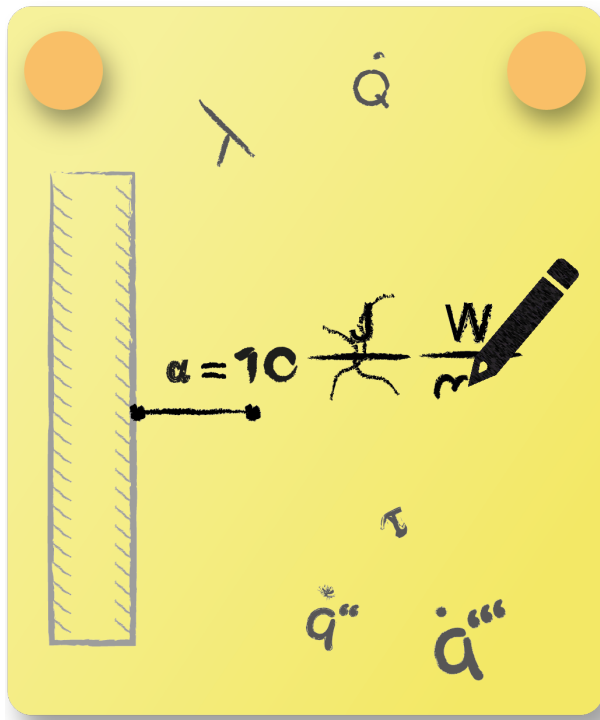




Unit: Task 18



A volumetric heat flux is represented by \dot{q}''' .

1



$$[\dot{q}] = \frac{\text{W}}{\text{m}^3}$$

2



A volumetric heat flux describes a heat flux (W) in respect to a certain volume (m^3). Such can be used for the characterization of a heat source or heat sink for instance.