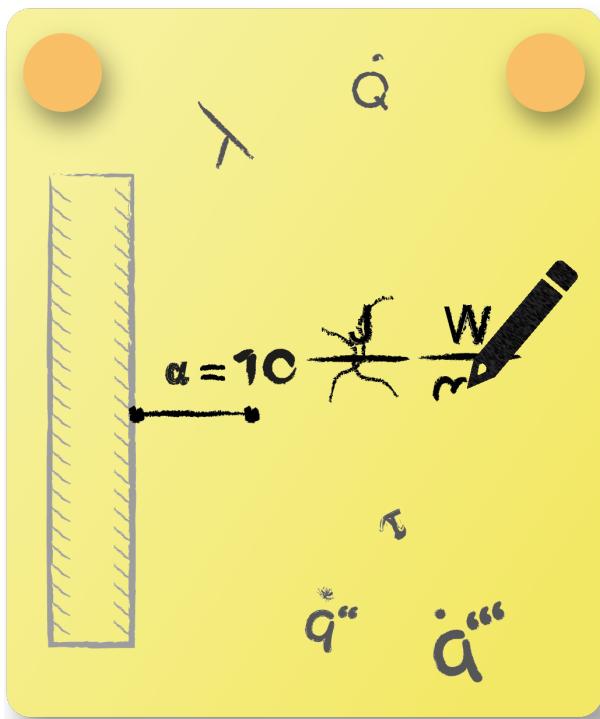


Unit: Task 2



The thermal diffusivity of a material is represented by a .

1



$$[a] = \frac{\text{m}^2}{\text{s}}$$

2



The thermal diffusivity a characterizes the temporal change of a spatial temperature distribution as a result of a temperature gradient.