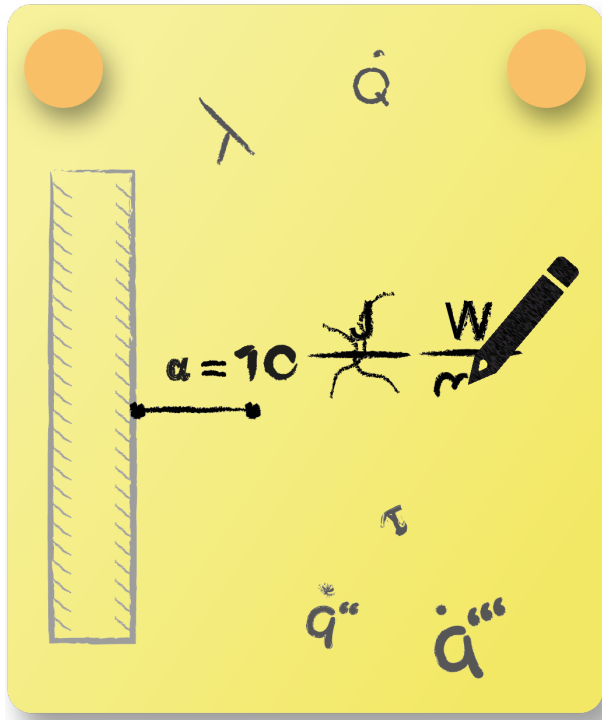# Unit: Task 20

A product of the stefan-boltzmann constant and the temperature of a body to the fourth power is represented by the expression σT^4

1 $[\sigma T^4] = \frac{\text{W}}{\text{m}^2}$

2 The product yields an area (m^2) specific heat flux (W).