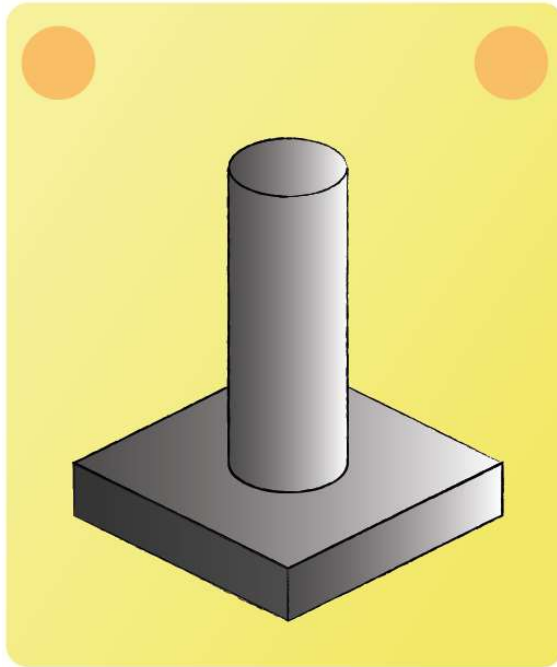


## Lecture 9 - Question 4



Which definition describes a fin the best? A fin

is a surface that extends from an object to increase the rate of heat transfer to or from the environment by increasing convection.



A fin is a part of a machine or equipment that has the purpose to increase the surface area, so that the heat transfer increases. This heat transfer is usually between air and a heat generating device like an engine , a processor or a heat exchanger for example.