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Assignment  $\Rightarrow$  Calculus

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## Application of derivatives in engineering.

We use the derivatives to determine the maximum and minimum values of particular functions (e.g. Cost, Strength, amount of material used in a building, profit, loss etc.)

Derivatives are met in many Engineering and Science problems especially when modelling the behaviour of moving objects.

## Application of integration in engineering.

Application in engineering in Electrical Engineering Calculus (Integration) is used to determine the exact length of power cable needed to connect two Substation, which are miles away from each other.