

Checklist

What you should know

By the end of this subtopic you should be able to:

- use variables to translate an optimisation problem in context to the language of mathematics
- set up relationships between the variables you introduced according to the conditions of the problem
- find a function in one variable that expresses the quantity that needs to be optimised
- use differentiation to find the optimum values
- use technology to find the optimum values
- interpret the result of your work in the context of the question.

