

AO1

**Context**

This task is accessible to all candidates regardless of tier of entry. It would normally follow work on mensuration of different shapes and it provides an opportunity to use trigonometry and algebraic manipulation.

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## Equable Shapes

An equable shape is one in which:

- the perimeter  
and
  - the area
- have the same numerical value.

Find out what you can about these shapes.

Investigate further.