

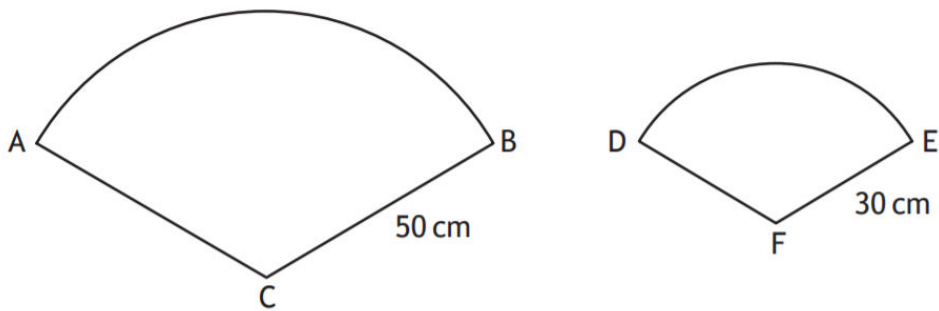
Qualification: SQA National 5 Mathematics 2019

Paper: 2 (Calculator)

Question: 12

12. In the diagram

- ABC is a sector of a circle, centre C
- DEF is a sector of a circle, centre F.



The sectors are mathematically similar.

The area of the larger sector, ABC, is 2750 square centimetres.

(a) Calculate the area of the smaller sector, DEF.

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(b) Calculate the size of angle ACB.

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