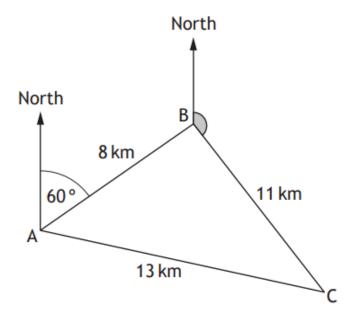
## National 5 Maths SQA 2014 Paper 2 Question 10



3

2

In a race, boats sail round three buoys represented by A, B, and C in the diagram below.



B is 8 kilometres from A on a bearing of 060°.

C is 11 kilometres from B.

A is 13 kilometres from C.

- (a) Calculate the size of angle ABC.
- (b) Hence find the size of the shaded angle.

Answers:

- (a) 84.8°
- (b) 155.2°

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