

- 26 A ship starts at point A and sails 5 kilometres on a bearing of 135° to point B .
The ship then sails 5 kilometres on a bearing of 255° to point C .
The ship then sails directly back to point A .

This information is shown in the diagram below.

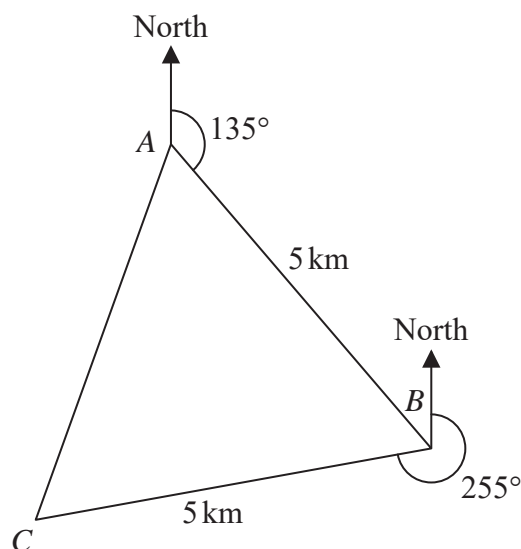


Diagram **NOT**
accurately drawn

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

- (a) Find the size of the acute angle ABC .

.....
(2)

- (b) Write down the distance AC .

..... km
(1)

- (c) Find the bearing of A from C .

.....
(2)

(Total for Question 26 is 5 marks)

