



Aberdare Community School
Mathematics Department

WJEC GCSE

Foundation – Non Calculator
Shape

Bearings

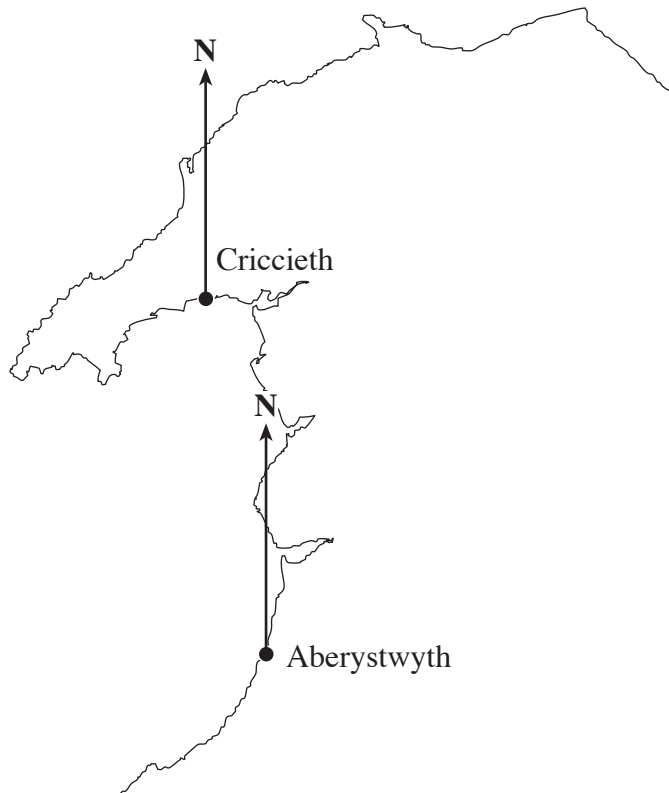
Name:

Set:

Date:

Teacher:

13.



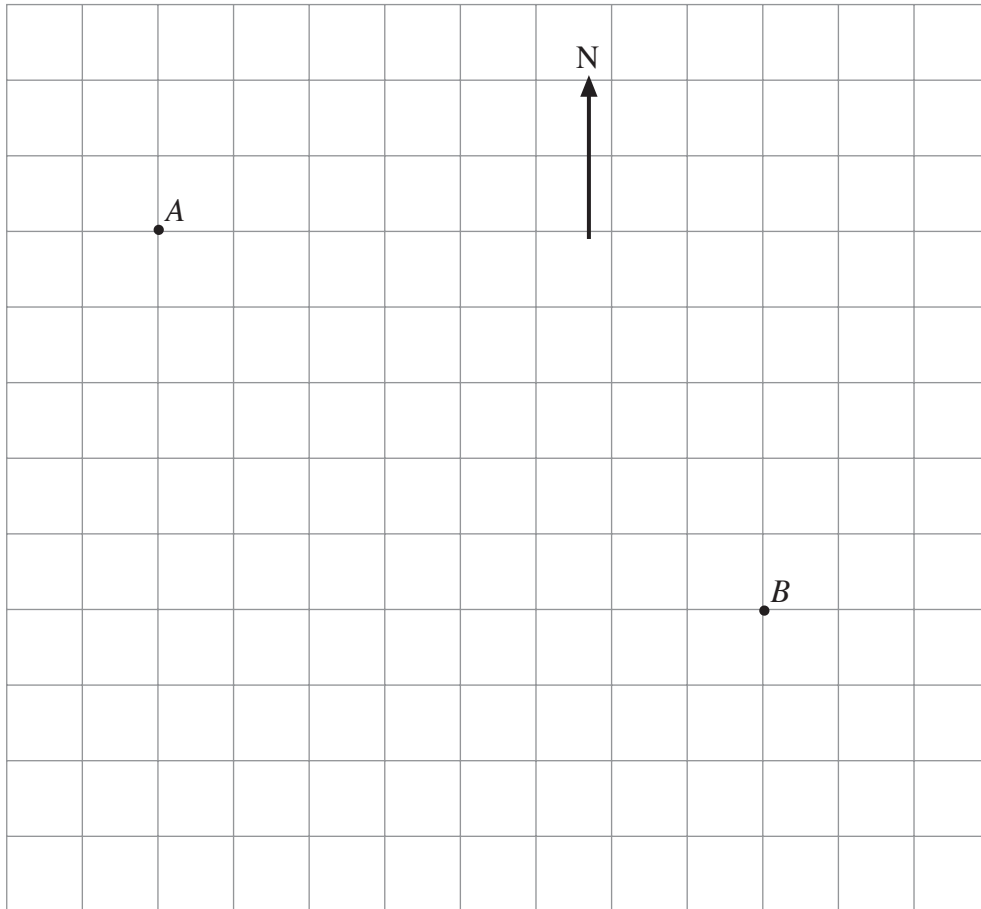
A ship, S , is on a bearing of 220° from Criccieth and on a bearing of 305° from Aberystwyth.

By drawing suitable lines on the above diagram, mark the position of S .

[3]

15. (a) Two towns are represented by the points A and B on the grid below. Write down the bearing of A from B .

[1]



- (b) Another town, C , is on a bearing of 145° from A and on a bearing of 243° from B . Plot, as accurately as you can, the position of this town.

[3]

14.

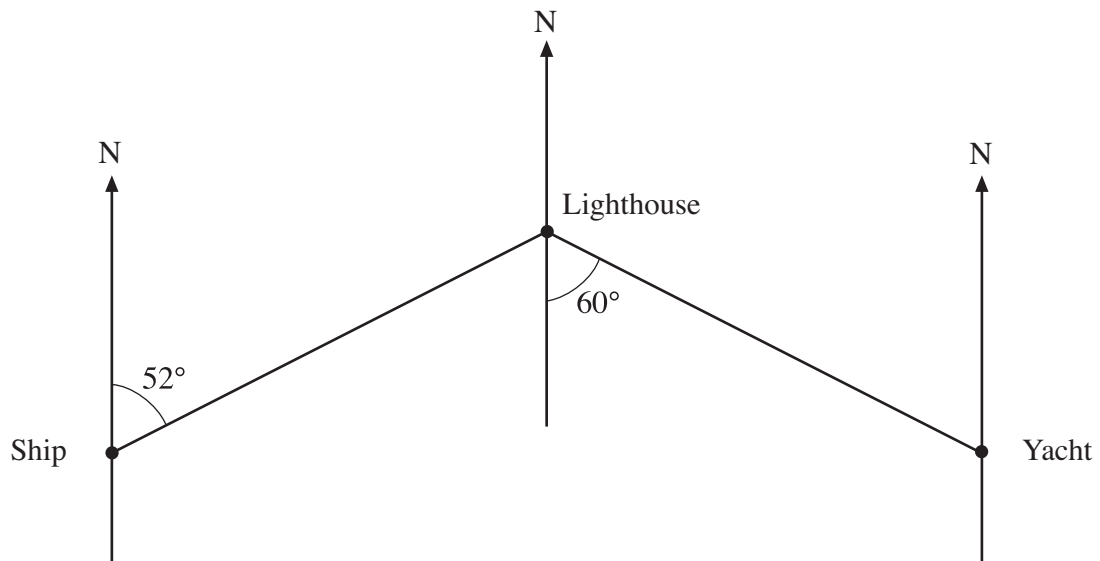


Diagram not drawn to scale.

Write down the bearing of

(a) the yacht from the lighthouse,

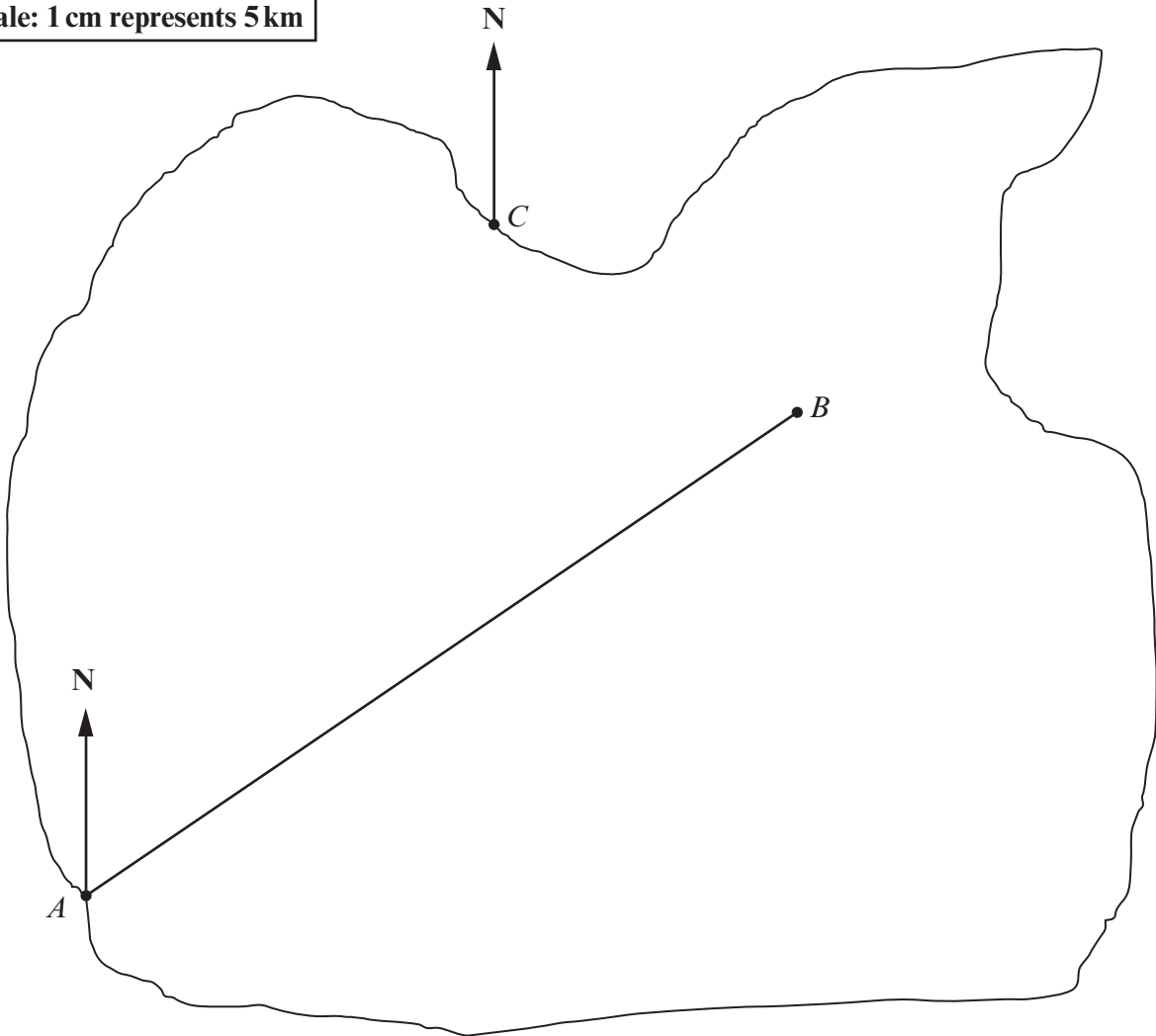
..... [1]

(b) the ship from the lighthouse.

.....
 [2]

12.

Scale: 1 cm represents 5 km



- (a) The diagram represents a map drawn to a scale of 1 cm to represent 5 km. Measure the length of AB and calculate the distance AB in kilometres.

$AB = \dots\dots\dots$ cm

.....

$AB = \dots\dots\dots$ km
 [3]

- (b) The point D is at a distance of 45 km from the point C on a bearing of 136° . Plot the point D on the above map.

.....

[2]