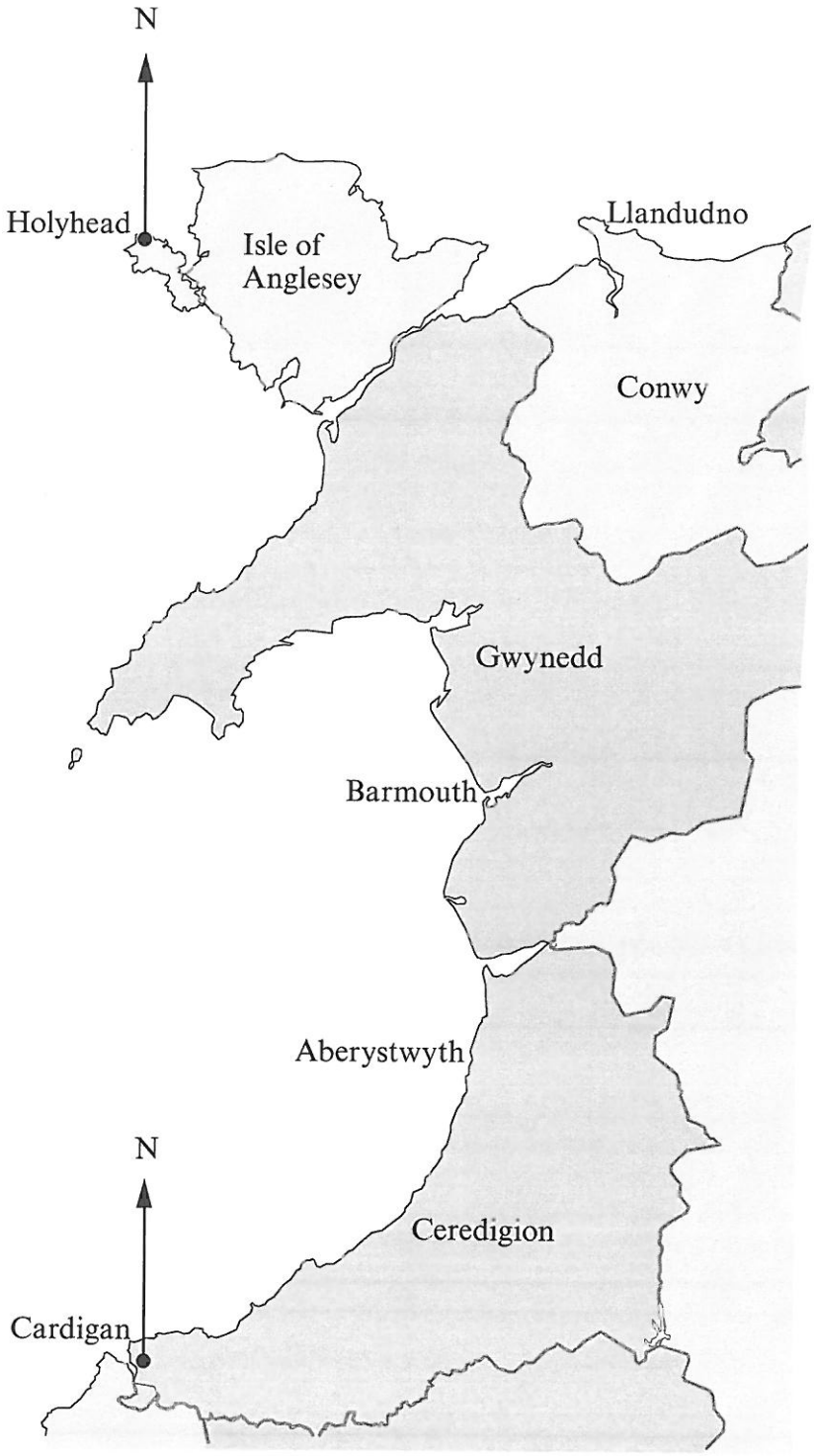
BEARINGS 2015

Examiner only

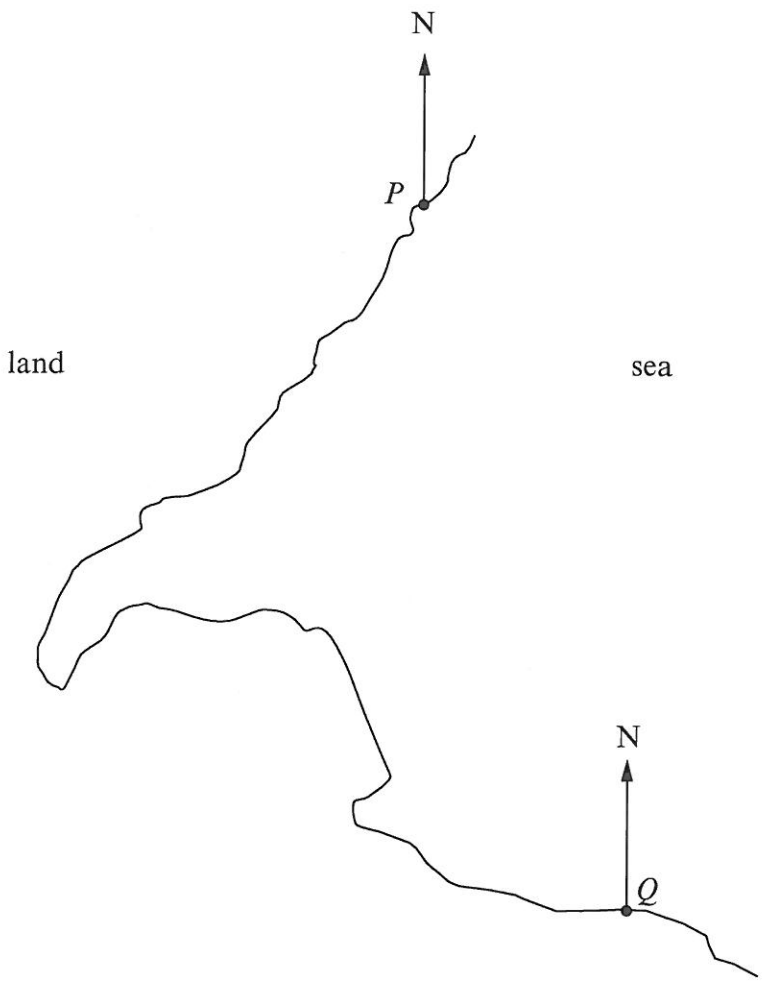
12. A ship is on a bearing of 215° from Holyhead and on a bearing of 324° from Cardigan. By drawing suitable lines, mark the position of the ship as *C*.

[3]



Examiner only

11. *(a)* P and Q are two ports shown on a map with scale 1 cm = 8 km.
Find the straight-line distance, in km, from P to Q.



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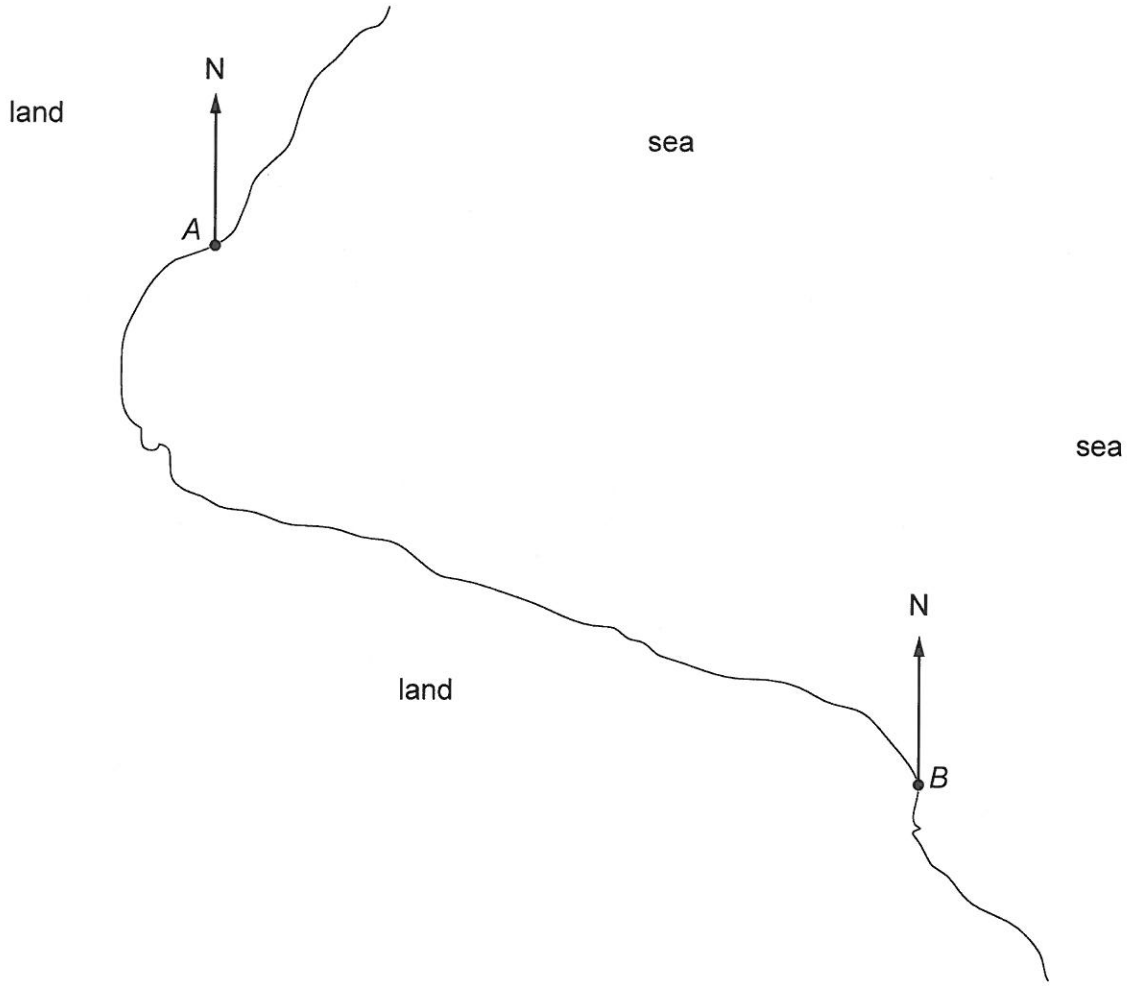
[3]

(b) A ship is on a bearing of 147° from P and on a bearing of 021° from Q.
Plot the position of the ship and mark it X.

[3]

Examiner only

11. *(a)* *A* and *B* are two ports shown on a map with scale 1 cm = 10 km.
Measure and find the straight line distance, in km, from *A* to *B*. [3]



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(b) A ship is on a bearing of 097° from *A* and on a bearing of 342° from *B*.
Plot the position of the ship and mark it *X*. [3]

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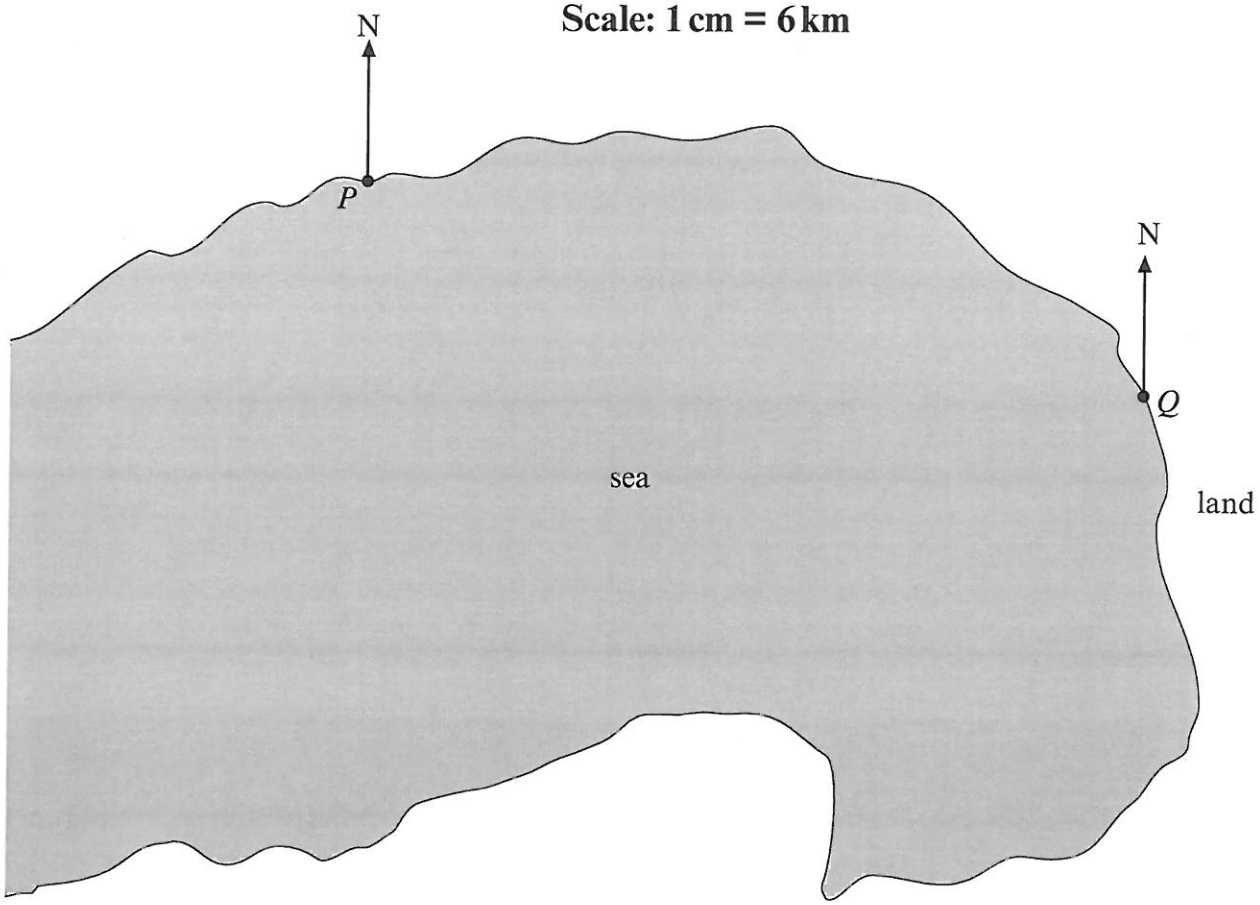
Examiner only

15. *(a)* Two ports P and Q are shown on the map below, which is drawn to scale. Find the **actual** distance between the two ports.



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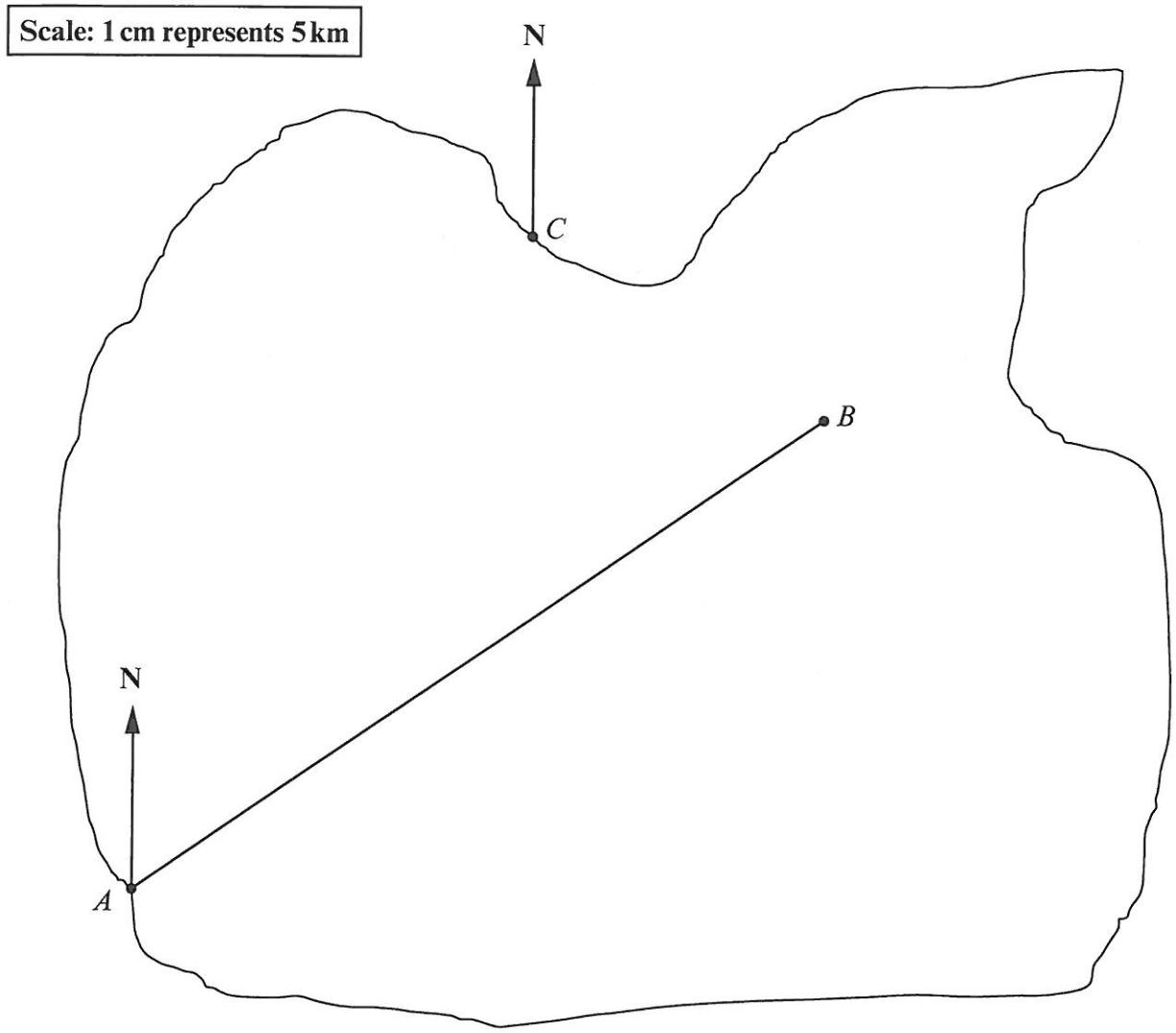
[3]

(b) A ship is on a bearing of 152° from P and at a distance of 48 km from Q. Plot the position of the ship and mark it X.

[2]

Examiner only

12.



(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 = ... cm

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.....

AB = ... 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.

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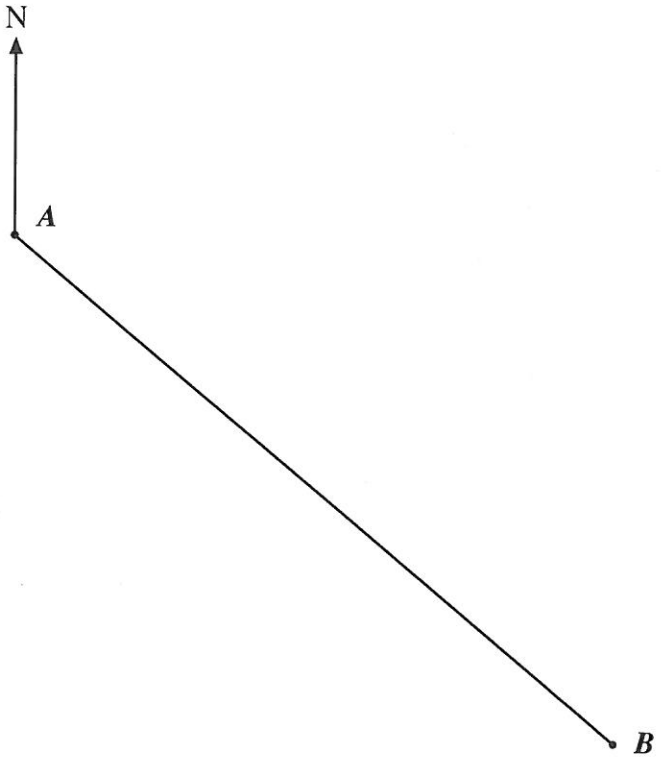
[2]

Examiner only

15. *(a)* Below is a section of a map with scale 2 cm = 1 km.
Measure and find the straight line distance, in km, from *A* to *B*.

[3]

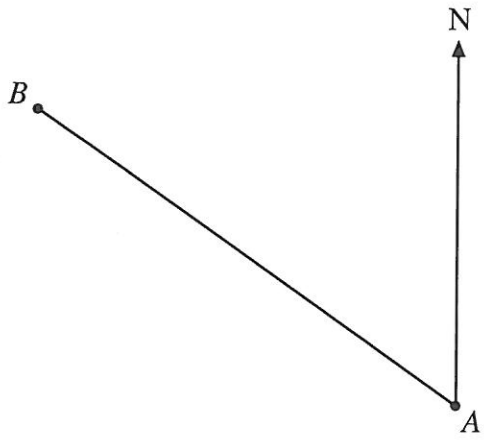


..... km

(b) Plot the point *C* which is 4 km from *A* on a bearing of 146°. [2]

16. *(a)* Below is a section of a map.

Scale: 1 cm represents 0·25 km.



Find the actual distance, in km, from A to B.

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Distance, in km, from A to B is .....

[3]

(b) Plot the point C which is $2\frac{1}{2}$ km from A on a bearing of 048°.

[2]