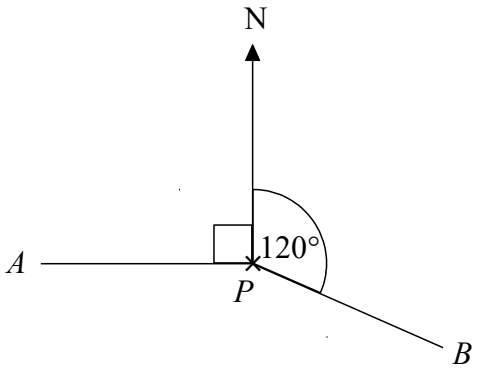
1



(a) Write down the bearing of B from P.

.....°

(1)

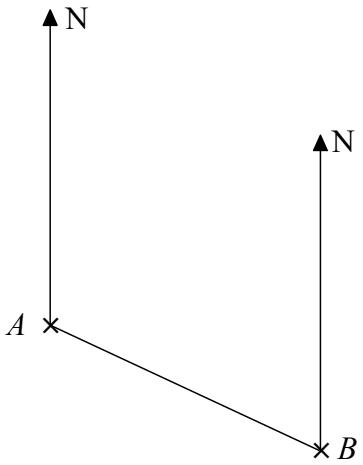
(b) Work out the bearing of A from P.

.....°

(1)

(Total for Question 1 is 2 marks)

2



(a) Measure the bearing of B from A.

.....°

(1)

(b) Measure the bearing of A from B.

.....°

(1)

(Total for Question 2 is 2 marks)

3 The accurate scale drawing shows the positions of boat *A* and boat *B*.

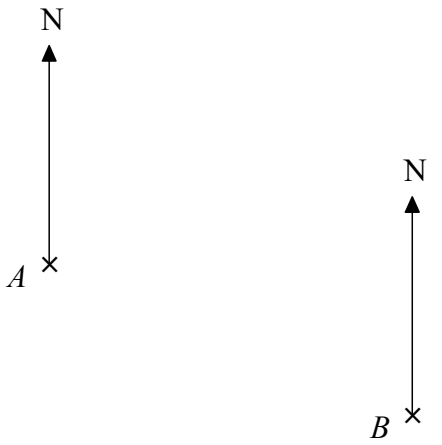
Boat *C* is on a bearing of 065° from *A*.
Boat *C* is on a bearing of 315° from *B*.



On the diagram, mark with a cross (×) the position of boat *C* on the diagram.

(Total for Question 3 is 2 marks)

4 The accurate scale drawing shows the positions of boat *A* and boat *B*.



Scale
2 cm represents 1 km

(a) Find the distance from *A* to *B*.

.....km

(b) Measure the bearing of *B* from *A*. **(1)**

.....°

(1)

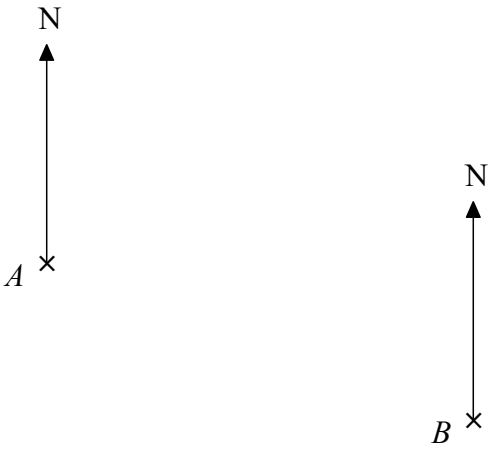
Another boat *C* is 2.5 km from A on a bearing of 210°

(c) On the diagram, mark the position of boat *C* with a cross (×). **(2)**

(Total for Question 4 is 4 marks)

5 The accurate scale drawing shows the positions of point A and point B.

Point C is 8 cm from point A on a bearing of 070°



(a) Find the distance from B to C.

.....cm

(2)

(b) Find the bearing of C from B.

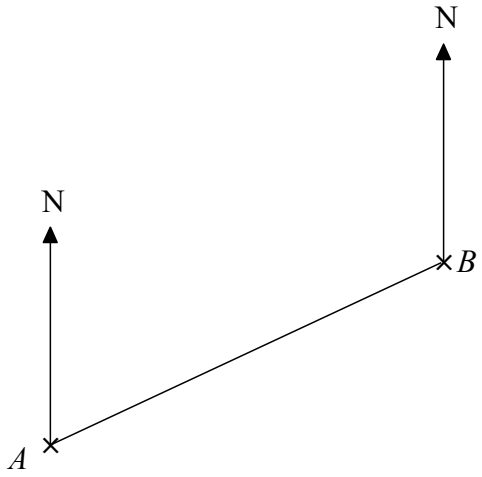
°

.....

(2)

(Total for Question 5 is 4 marks)

6 The accurate scale drawing shows the positions of point A and point B.
1 cm represents 100 m.



(a) Find the bearing of A from B.

.....°

(1)

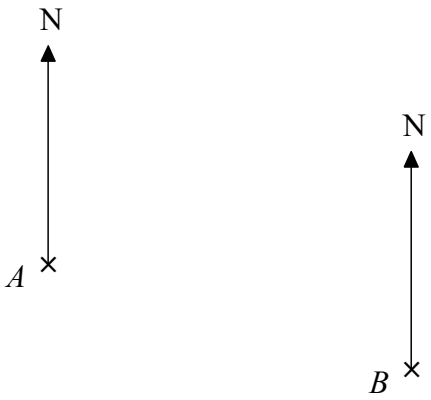
Point C is 450 m from B on a bearing of 150°

(b) Draw point C, with a cross (×), on the diagram.

(2)

(Total for Question 6 is 3 marks)

7 The accurate scale drawing shows the positions of two towns, town *A* and town *B*.
2 cm represents 1 km.



(a) Find the real distance between town *A* and town *B*.

.....

(1)

Town *C* is 3.2 km from *B* on a bearing of 255°

(b) Draw the position of town *C*, with a cross (×), on the diagram. **(2)**

(Total for Question 7 is 3 marks)

8 Oxford is on a bearing of 330° from Cambridge.

Find the bearing of Cambridge from Oxford.

.....°

(Total for Question 8 is 2 marks)

9 The bearing of London from Liverpool is 130°

Find the bearing of Liverpool from London.

.....°

(Total for Question 9 is 2 marks)