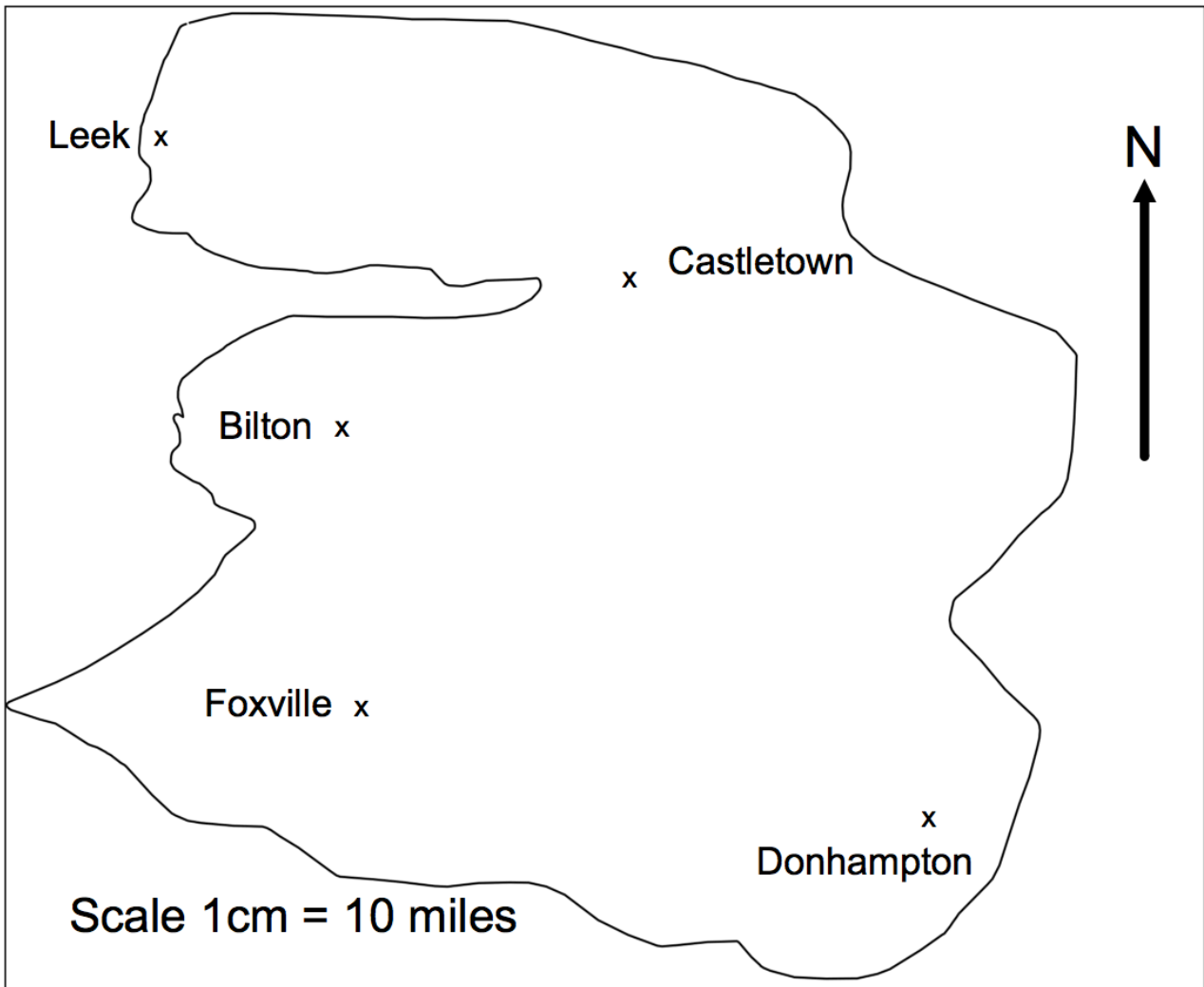


1. This is a map of an island.



A helicopter flies in a straight line from Leek to Donhampton.

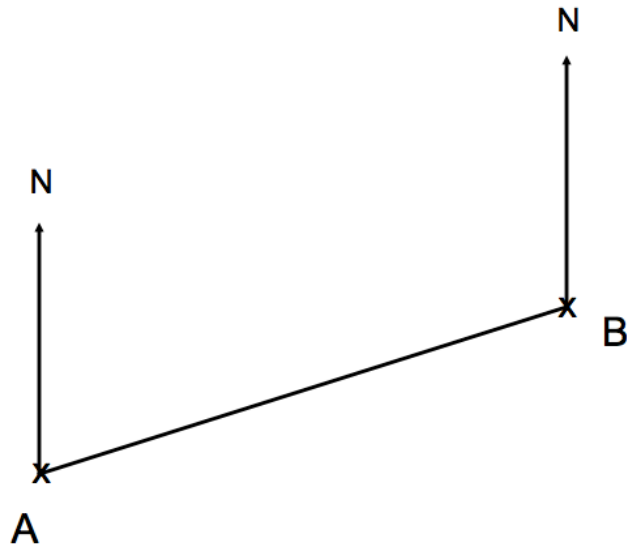
(a) How far does the helicopter fly?

.....miles  
(2)

(b) Write down the bearing of Donhampton from Leek.

.....<sup>o</sup>  
(1)

2. The diagram shows the position of two houses, A and B, on a map.



(a) Measure the bearing of B from A.

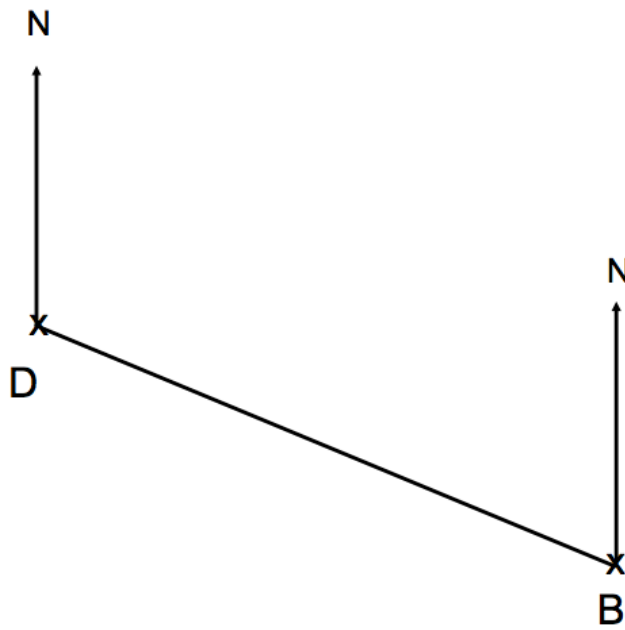
.....<sup>0</sup>  
(1)

Another house C is on a bearing of  $170^{\circ}$  from B.  
On the map, C is 5cm from B

(b) Mark the position of C with a cross (x) and label it C.

(2)

3. The diagram shows the position of a boat B and a dock D.



The scale of the diagram is 1 cm represents 2km.

(a) Work out the actual distance between the dock and the boat.

.....km  
(2)

(b) Measure the bearing of the boat B from the dock D.

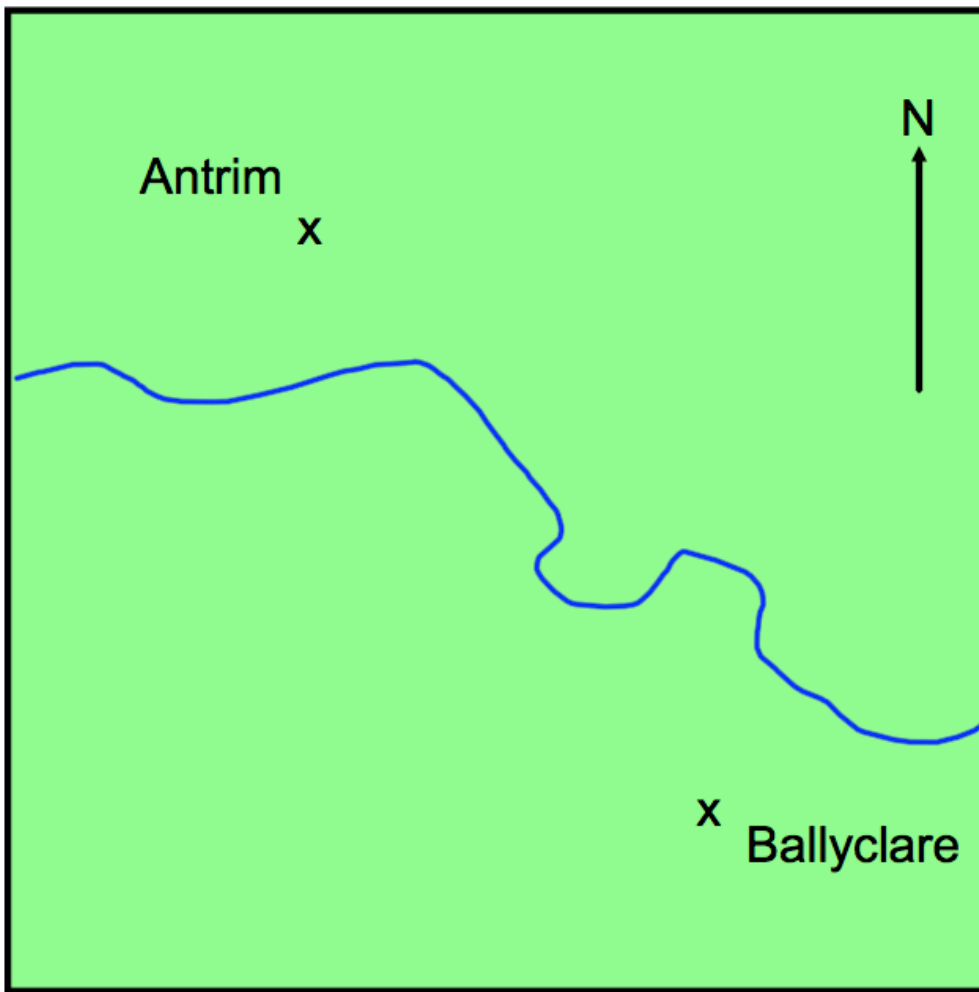
.....°  
(1)

A yacht Y is 8km from the boat B on a bearing of 050°

(c) On the diagram, mark the position of yacht Y with a cross (x).  
Label it Y.

(2)

4. The map below shows the position of two towns.



(a) Find the bearing of Ballyclare from Antrim.

.....<sup>o</sup>  
(1)

(b) Find the bearing of Antrim from Ballyclare.

.....<sup>o</sup>  
(1)

5.

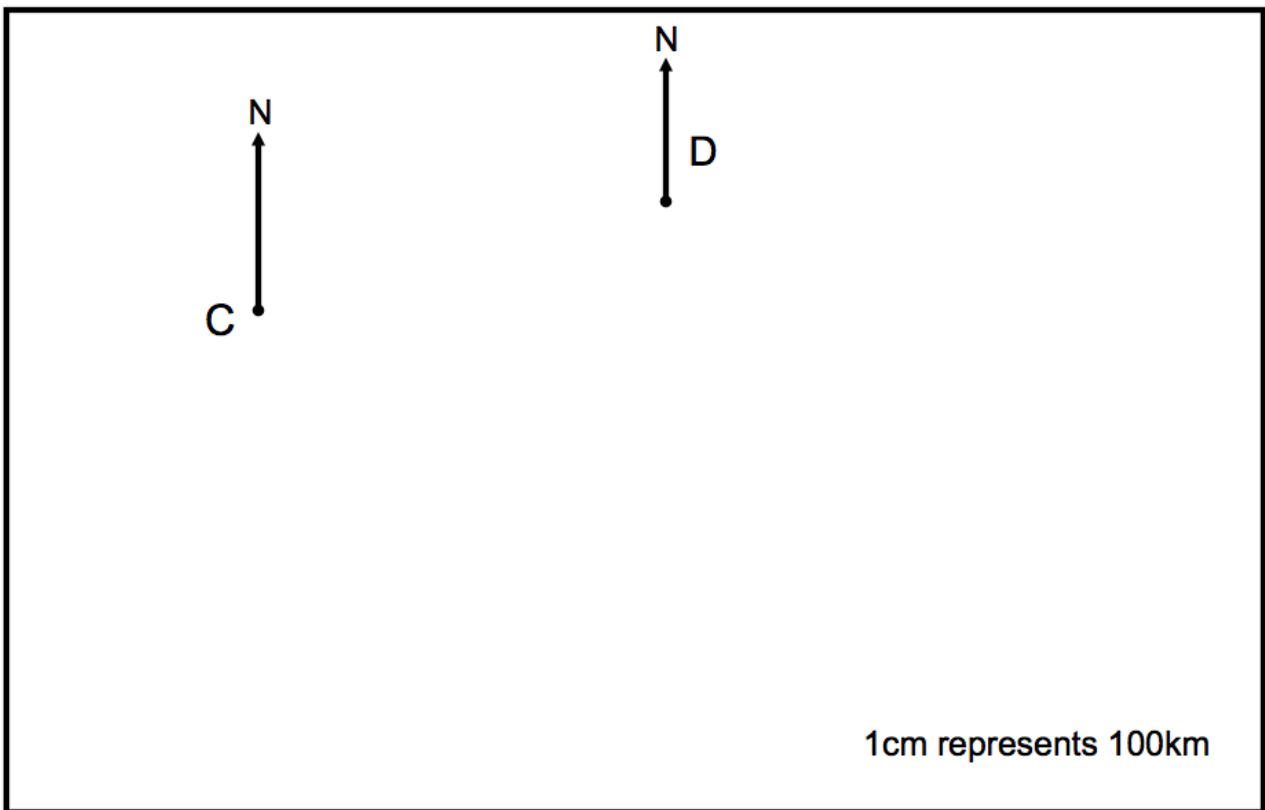


Diagram not drawn accurately

Work out the bearing of B from A.

.....<sup>0</sup>  
(2)

6. The diagram shows the position of two cities C and D.



(a) Work out the actual distance of D from C.

.....km  
(2)

(b) Find the three figure bearing of D from C.

.....<sup>o</sup>  
(1)

E is South-East of C.

(c) Write down the bearing of E from C.

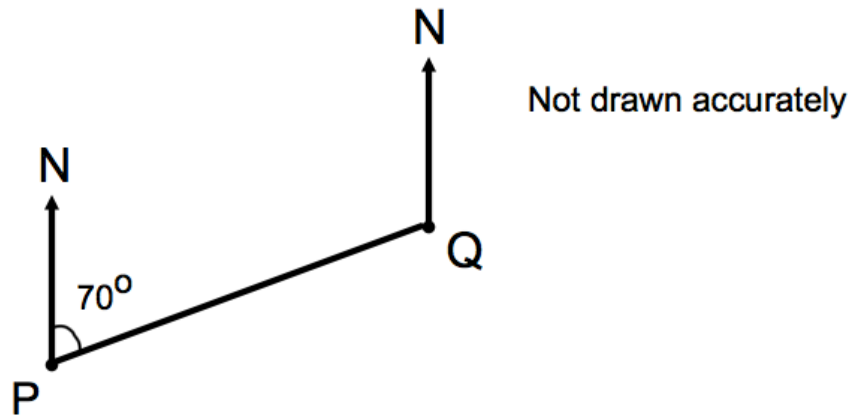
.....<sup>o</sup>  
(1)

E is also on a bearing of  $190^{\circ}$  from D.

(d) Mark the position of E on the diagram.

(2)

7. The diagram shows the position of two airplanes, P and Q.



The bearing of Q from P is  $070^\circ$ .

Calculate the bearing of P from Q.

.....<sup>0</sup>  
(2)

8. The diagram shows the position of two people, A and B, who are on their Duke of Edinburgh expedition.



The bearing of person C from person A is  $062^\circ$   
The bearing of person C from person B is  $275^\circ$

In the space above, mark the position of person C with a cross (x). Label it C.

**(3)**



9. The diagram shows the position of two towns, A and B.

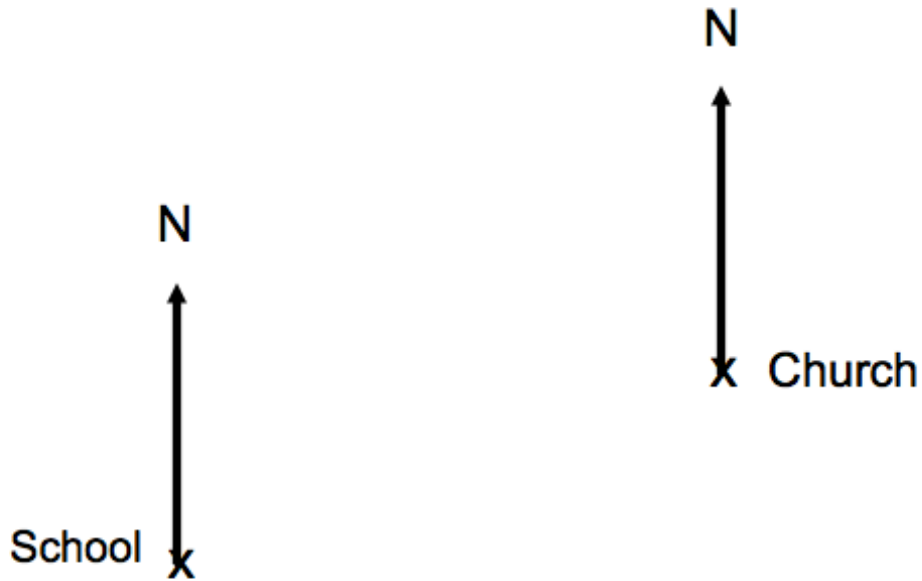


A rugby club, R, has bearing of  $110^\circ$  from town A.  
The rugby club, R, has bearing  $245^\circ$  from town B.

In the space above, show the position of the rugby club R.  
Mark the position with a cross (x) and label it R.

**(3)**

10. The map below shows the position of a church and a school.



The scale of the map is 1 : 10,000

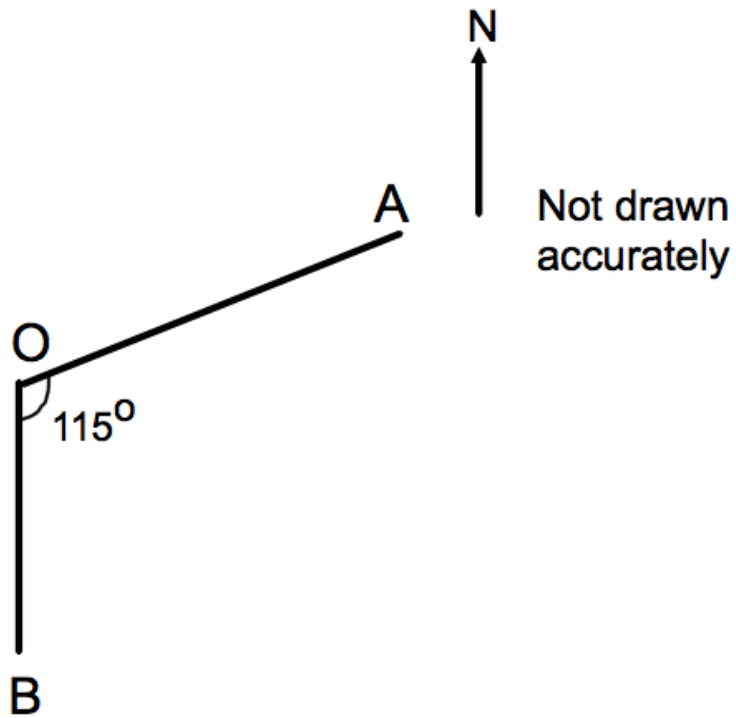
- (a) Find the actual distance between the church and school.  
Give your answer in metres.

.....m  
(2)

- (b) Find the bearing of the school from the church.

.....°  
(2)

11. Gregory is at O and there are two roads, one towards A and another towards B. B is due South of O.



Gregory walks towards A.

- (a) On what bearing does he walk?

.....<sup>0</sup>  
(2)

Joshua is at A and walks towards Gregory.

- (b) On what bearing does he walk?

.....<sup>0</sup>  
(2)