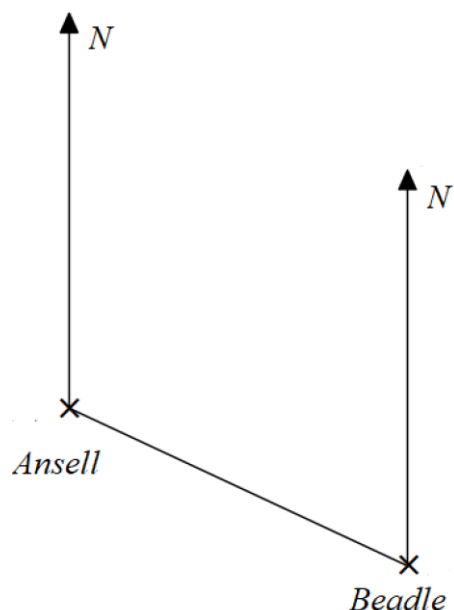




## Bearings Exam Practice

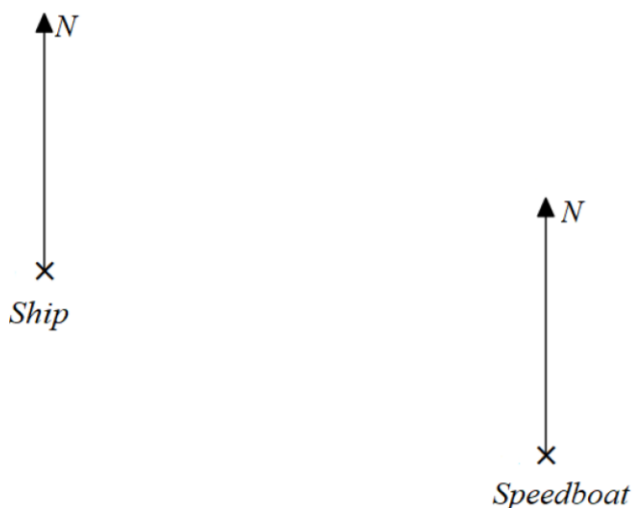
Q1. (i) Measure the bearing of Beadle from Ansell.  
(2 marks)

(ii) What is the bearing of Ansell from Beadle?  
(2 marks)



Q2. The diagram below shows the position of a ship and a speedboat.  
A lighthouse is on bearing of  $070^\circ$  from the ship, and on a bearing of  $320^\circ$  from the speedboat.  
Place a cross to indicate the position of the lighthouse.

(2 marks)

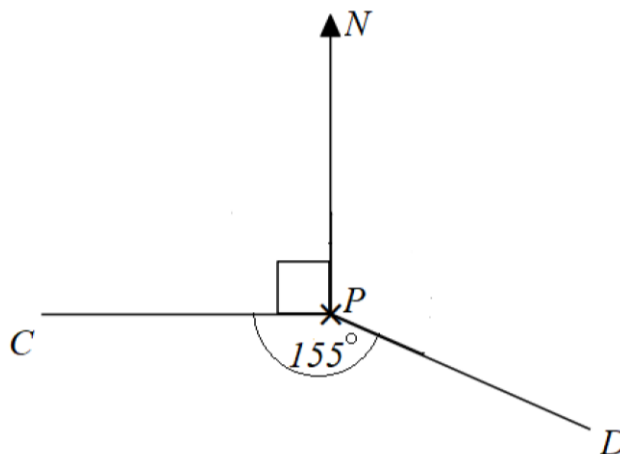


Q3.(i) Work out the bearing of point D from point P.

(2 marks)

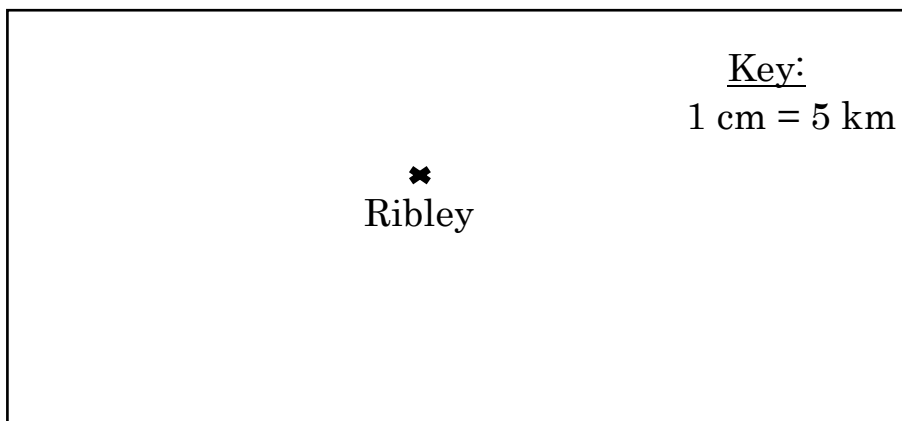
(ii) Ron says that “the bearing of P from C is  $90^\circ$ ”.  
Explain why he is incorrect.

(1 mark)





Q4. Here is the scale map of a local area.



The town of Hoxley lies on a bearing of  $210^\circ$  from Ribley and the distance between the two villages is 12.5 km. Mark on the map the position of Hoxley.

(2 marks)

Q5. The town of Blanting lies South-East of the town of Wortley. Find the bearing of Blanting from Wortley.

(2 marks)

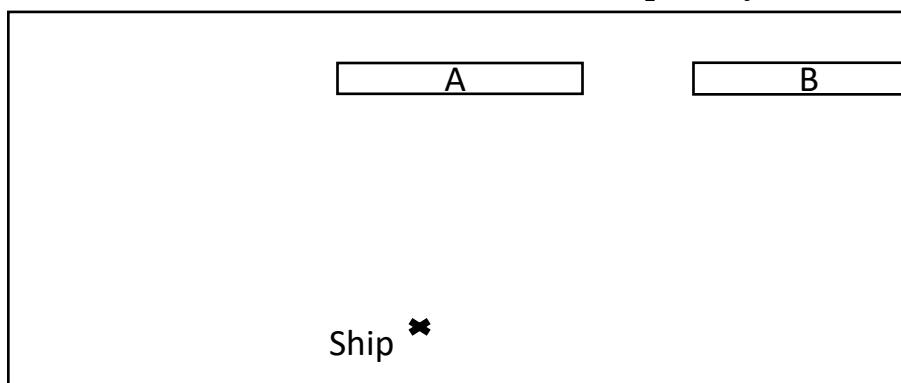
Q6. The bearing of Renton from Norton Bay is  $335^\circ$ . Work out the bearing of Norton Bay from Renton.

(2 marks)

Q7. The bearing of Oxley from Bielby is  $130^\circ$ . Work out the bearing of Bielby from Oxley.

(2 marks)

Q8. In a sailing competition, the captain must sail the boat between two artificial islands, marked A and B. He decides to sail on a bearing of  $040^\circ$ , but knows from experience that he may be up to 15% out in this calculation. Decide if he is certain to make it through the channel between the two islands. Explain your reasoning carefully.



(3 marks)