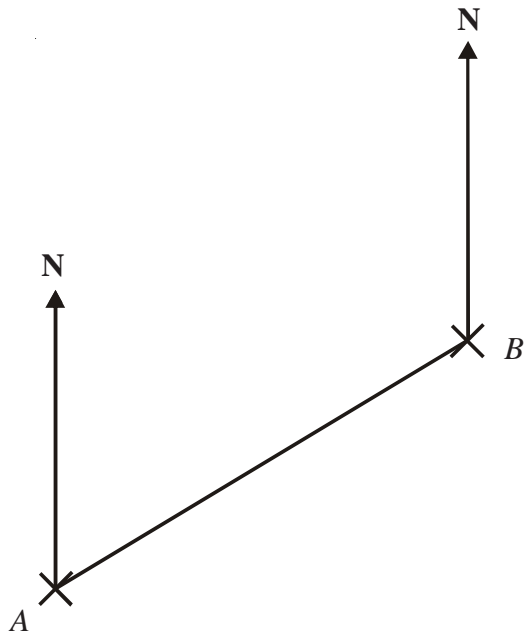


Bearings

1) The diagram shows the position of two telephone masts, *A* and *B*, on a map.

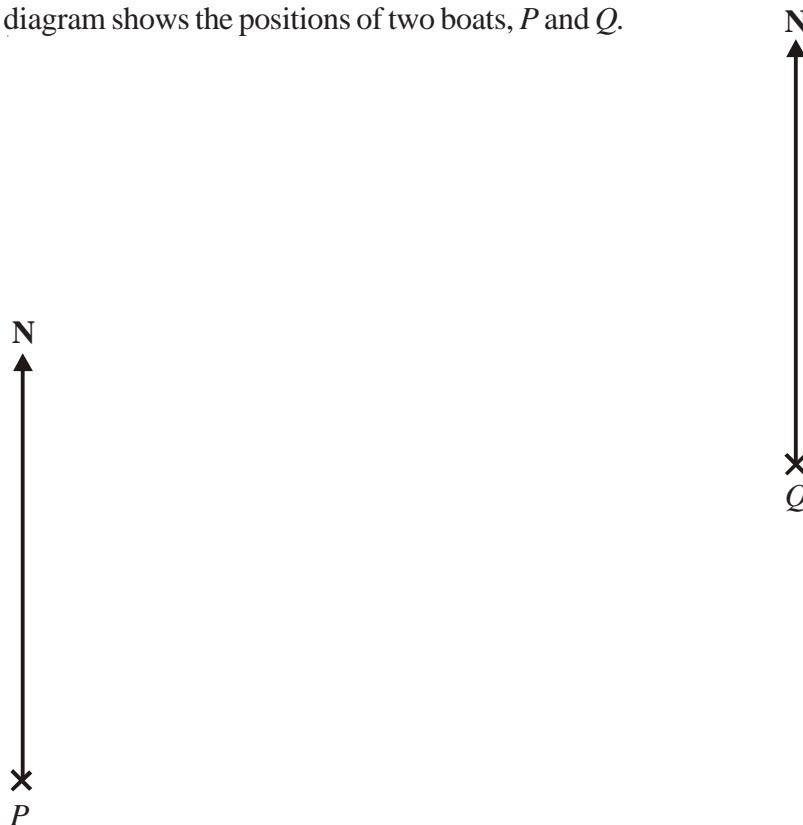


a) Measure the bearing of *B* from *A*.

Another mast *C* is on a bearing of 160° from *B*.
On the map, *C* is 4 cm from *B*.

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

2) The diagram shows the positions of two boats, *P* and *Q*.



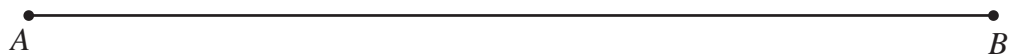
The bearing of a boat *R* from boat *P* is 050°

The bearing of boat *R* from boat *Q* is 320°

In the space above, draw an accurate diagram to show the position of boat *R*.
Mark the position of boat *R* with a cross (\times). Label it *R*.

- 1) School B is due east of school A .
 C is another school.
 The bearing of C from A is 065° .
 The bearing of C from B is 313° .

Complete the scale drawing below.
 Mark with a cross the position of C .



- 2) In the diagram, point A marks the position of Middlewich.
 The position of Middlemarch is to be marked on the diagram as point B .
 On the diagram, mark with a cross the position of B given that:
 B is on a bearing of 320° from A and
 B is 5 cm from A



- 3) **Work out** the bearing of
 a) B from P
 b) P from A

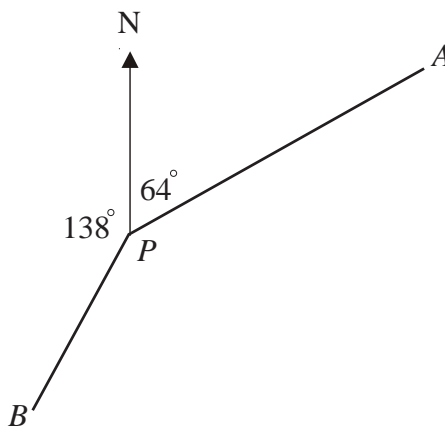


Diagram NOT accurately drawn.