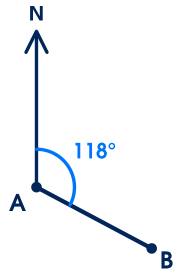
GCSE FOUNDATION · REVISION MAT 4

Bearings

1 Write down the bearing of B from A.



2 The bearing of B from A is 300°.

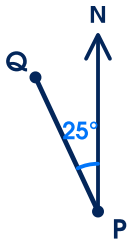
Work out the bearing of A from B.

3 The bearing of Q from P is 310°.

Max says the bearing of P from Q is also 310°.

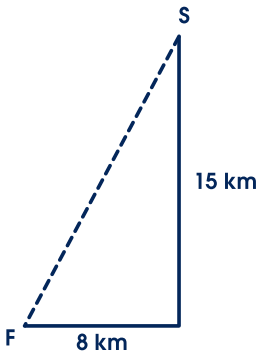
Explain why Max is wrong.

4 The diagram shows the positions of P and Q.



Show that the bearing of Q from P is 335°.

5 A boat sails 15 km due south from S.
It then sails 8 km due west to F.



How far is the boat from S now?

6 On a map, 1 cm represents 4 km.

Town B is 5.5 cm from town A on the map, on a bearing of 300°.

(a) How far apart are the towns in real life?

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

Mr&Mrs MATHS

1 Bearings are measured clockwise from north and written with three figures.

118°

2 300 − 180 = **120°**

3 Going back is the opposite direction, so add or subtract 180°.

Bearing of P from Q = **130°**

ANSWERS · REVISION MAT 4

Bearings

4 Bearings go clockwise from north.

360 − 25 = **335°** ✓

5 $\sqrt{(15^2 + 8^2)}$ = **17 km**

6 (a) 5.5 × 4 = **22 km**

(b) 300 − 180 = **120°**