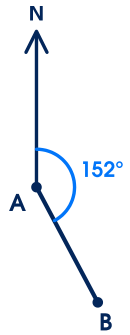
GCSE FOUNDATION · REVISION MAT 5

Bearings

1 Write down the bearing of B from A.



2 The bearing of B from A is 045°.

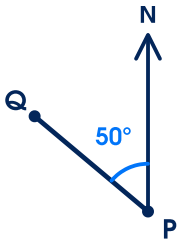
Work out the bearing of A from B.

3 The bearing of Q from P is 160°.

Neve says the bearing of P from Q is also 160°.

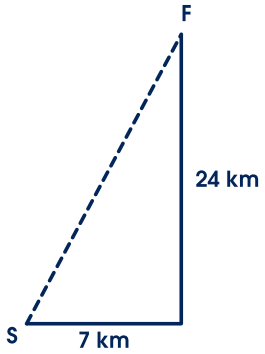
Explain why Neve is wrong.

4 The diagram shows the positions of P and Q.



Show that the bearing of Q from P is 310°.

5 A boat sails 7 km due east from S.
It then sails 24 km due north to F.



How far is the boat from S now?

6 On a map, 1 cm represents 2.5 km.

Town B is 8 cm from town A on the map, on a bearing of 075°.

(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.

152°

2 45 + 180 = **225°**

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

Bearing of P from Q = **340°**

ANSWERS · REVISION MAT 5

Bearings

4 Bearings go clockwise from north.

360 − 50 = **310°** ✓

5 $\sqrt{(7^2 + 24^2)}$ = **25 km**

6 (a) 8 × 2.5 = **20 km**

(b) 75 + 180 = **255°**