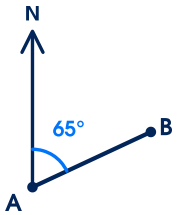
GCSE FOUNDATION · REVISION MAT 1

# Bearings

**1** Write down the bearing of B from A.




**2** The bearing of B from A is 070°.

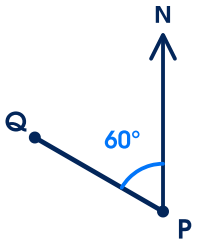
Work out the bearing of A from B.

**3** The bearing of Q from P is 120°.

Jo says the bearing of P from Q is also 120°.

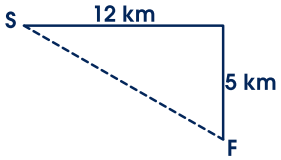
Explain why Jo is wrong.

**4** The diagram shows the positions of P and Q.




Show that the bearing of Q from P is 300°.

**5** A boat sails 12 km due east from S.
It then sails 5 km due south to F.




How far is the boat from S now?

**6** On a map, 1 cm represents 2 km.

Town B is 6 cm from town A on the map, on a bearing of 040°.

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

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

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

**065°**

**2** 70 + 180 = **250°**

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

Bearing of P from Q = **300°**

ANSWERS · REVISION MAT 1

# Bearings

**4** Bearings go clockwise from north.

360 − 60 = **300°** ✓

**5** $\sqrt{(12^2 + 5^2)}$ = **13 km**

**6** (a) 6 × 2 = **12 km**

(b) 40 + 180 = **220°**