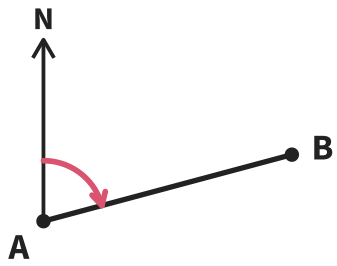
Bearings and Back Bearings

1

Measure the bearing of B from A.

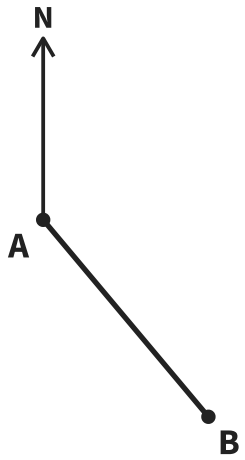


Angle ____ °

Bearing ____ ____ ____ °

2

Measure the bearing of B from A.

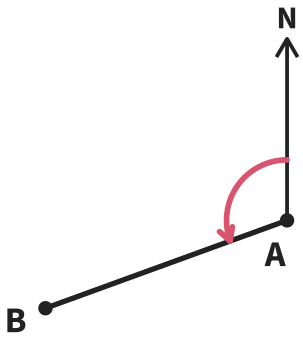


Angle ____ °

Bearing ____ ____ ____ °

3

Measure the bearing of B from A.



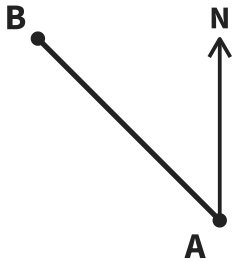
Angle ____ ° anticlockwise

360° – ____ °

Bearing ____ ____ ____ °

4

Measure the bearing of B from A.



Angle ____ ° anticlockwise

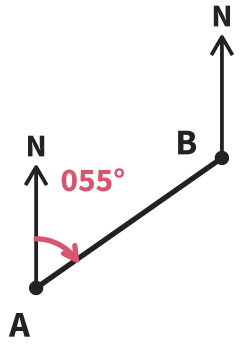
360° – ____ °

Bearing ____ ____ ____ °

Bearings and Back Bearings

5

The bearing of B from A is 055°. Work out the bearing of A from B.

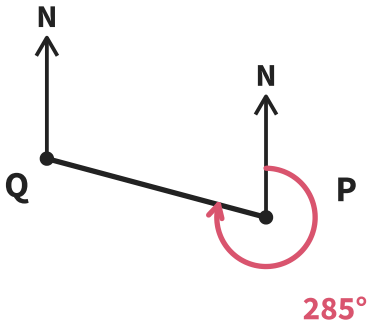


055° is under 180°, so add 180°.

Bearing ☐☐☐°

6

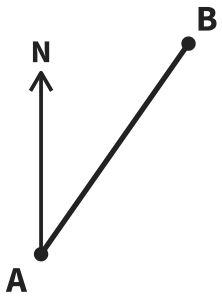
The bearing of Q from P is 285°. Work out the bearing of P from Q.



Bearing ☐☐☐°

7

Kai says the bearing of B from A is 145°. Explain why he is wrong, then measure it.

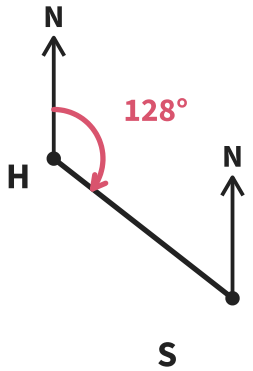


B is between North and East, so

Bearing

8

A ship sails from harbour H on a bearing of 128°. What bearing takes it straight back?



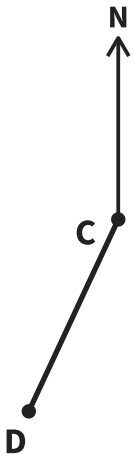
Working

Bearing

Bearings and Back Bearings *further practice*

9

Measure the bearing of D from C.

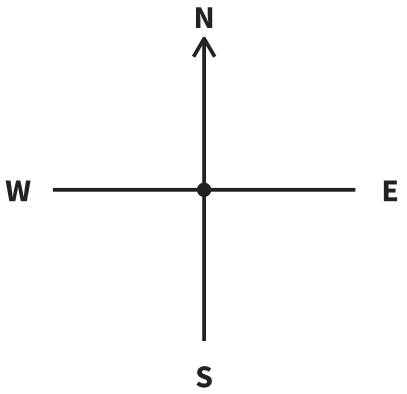


Anticlockwise angle

Bearing

10

Write the bearing of each direction with three figures.



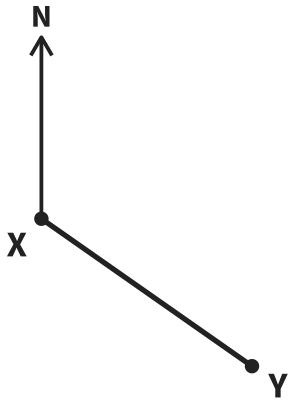
East

South

West

11

Measure the bearing of Y from X. Then work out the bearing of X from Y.



Y from X

X from Y

12

Draw a line from P on a bearing of 230°.



Anticlockwise angle

Bearings and Back Bearings *further practice*

13

A plane flies from an airport on a bearing of 145°. It turns and flies straight back. On what bearing does it fly back?

Working

Bearing

14

Two boats leave a harbour. One sails on a bearing of 095°, the other on 275°. Mo says they sail in opposite directions. Is he right? Show how you know.

Working

Answer

15

A tree T is due East of a gate G. What is the bearing of the gate from the tree?

T from G

G from T

16

The bearing of L from K is 200°. Lily says the bearing of K from L is 380°. Explain what Lily has done wrong. Then find the right bearing.

Lily's mistake

Bearing