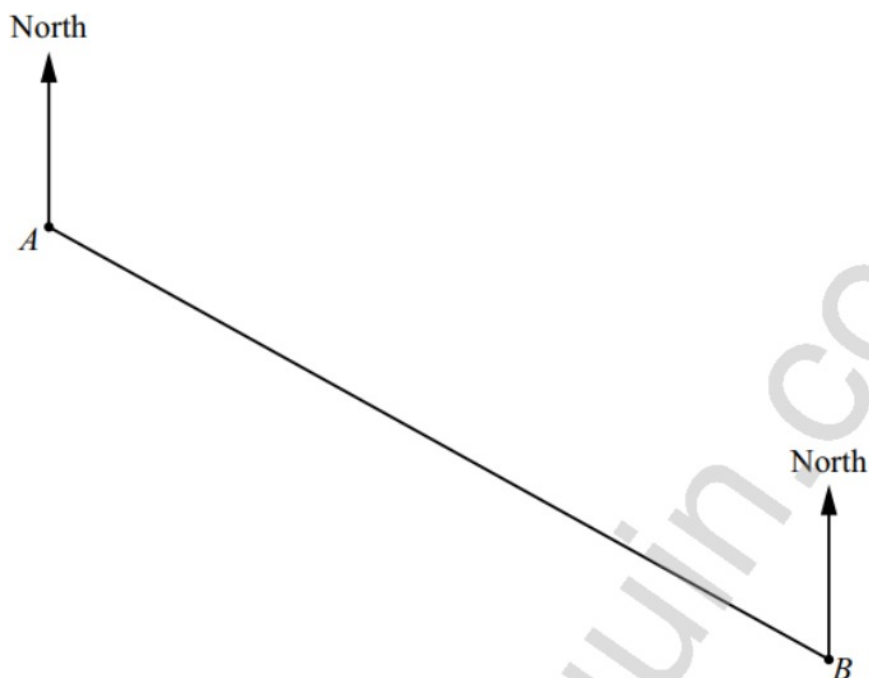




Two towns, A and B , are shown on a map.
The scale of the map is 1 cm to 3 km.

- (a) Find the actual distance between A and B .

..... km [1]

- (b) Measure the bearing of B from A .

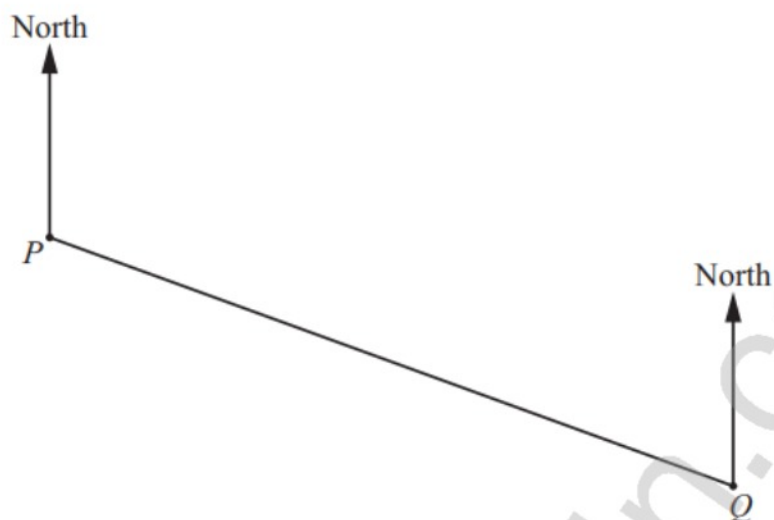
..... [1]

- (c) Calculate the bearing of A from B .
You must show all your working.

..... [2]

- 2 The scale drawing shows the positions of two villages, P and Q .

The scale is 1 cm represents 0.5 km.



- (a) Find the actual distance between village P and village Q .

..... km [2]

- (b) Measure the bearing of village Q from village P .

..... [1]

- 6 The scale drawing shows the positions of two towns, P and Q .
The scale is 1 cm represents 4 km.



Scale: 1 cm to 4 km

- (a) Find the actual distance between town P and town Q .

..... km [2]

- (b) Measure the bearing of town Q from town P .

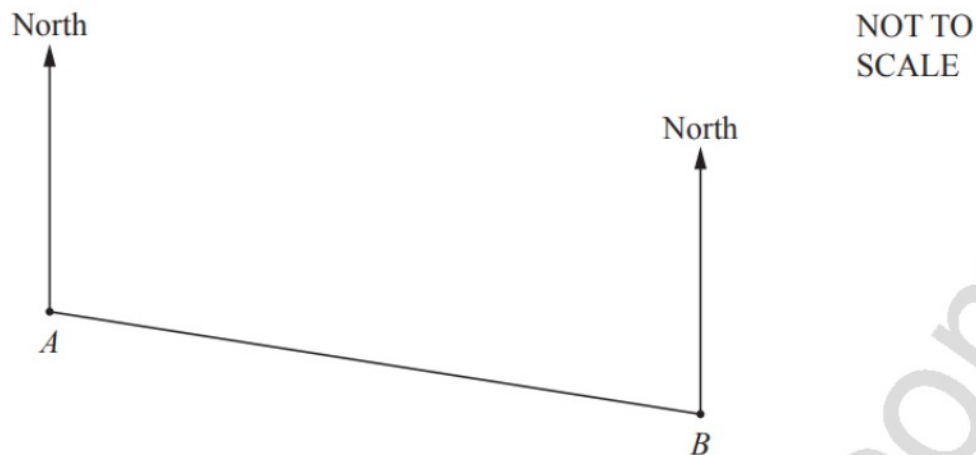
..... [1]

- (c) Town X is 28 km from town P on a bearing of 140° .

On the scale drawing, mark the position of town X .

[2]

9

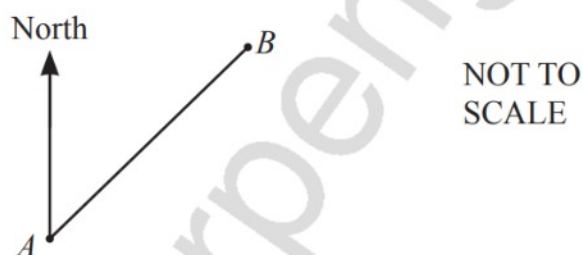


The bearing of B from A is 105° .

Find the bearing of A from B .

..... [2]

9



The bearing of B from A is 059° .

Work out the bearing of A from B .

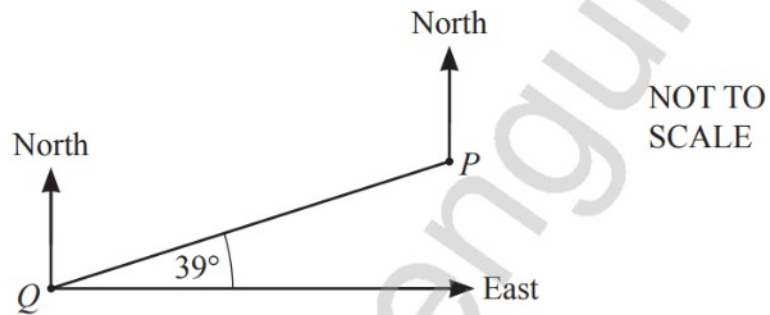
..... [2]

7 The bearing of P from Q is 110° .

Find the bearing of Q from P .

..... [2]

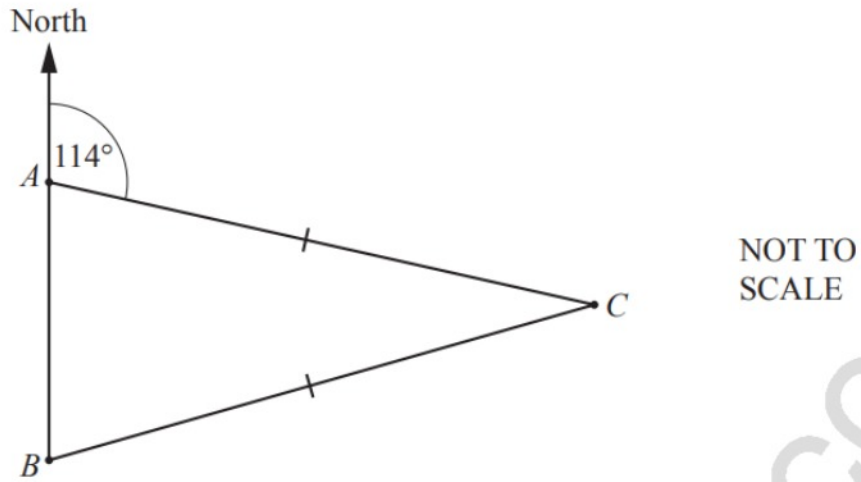
7



Find the bearing of Q from P .

..... [2]

4 (a)



A , B and C are three towns and the bearing of C from A is 114° .
 B is due south of A and $AC = BC$.

Calculate the bearing of B from C .

..... [3]

13 The bearing of B from A is 107° .

Calculate the bearing of A from B .

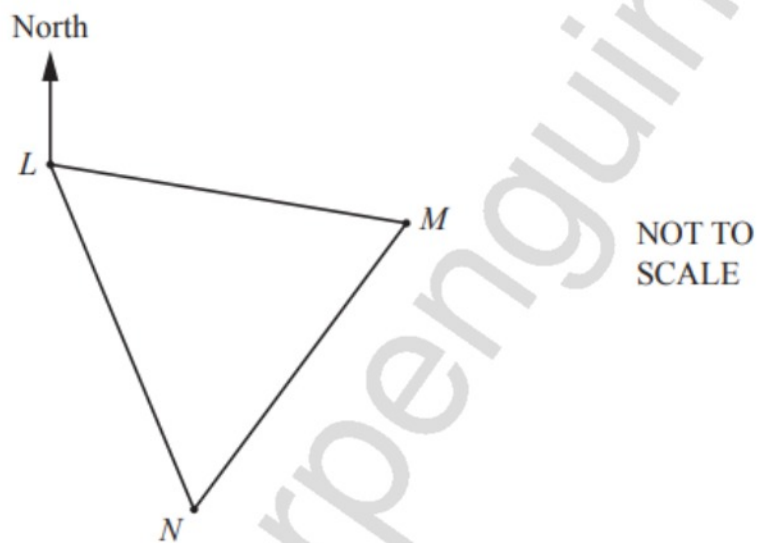
..... [2]

- 8 The bearing of X from Y is 274° .

Calculate the bearing of Y from X .

..... [2]

10



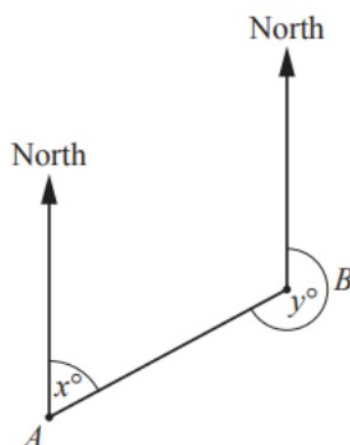
On a map, the positions of the towns L , M and N form an equilateral triangle.
The bearing of M from L is 103° .

Work out the bearing of L from N .

..... [2]

- 18 The bearing of B from A is x° .
The bearing of A from B is y° .
 $x : y = 2 : 7$

Calculate the value of y .



NOT TO
SCALE

$y = \dots\dots\dots$ [3]