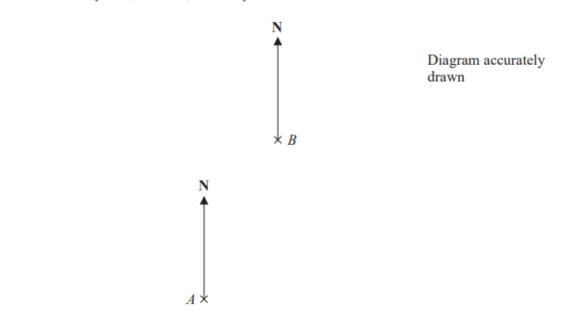
BEARINGS

Pearson Edexcel - Tuesday 19 May 2020 - Paper 1 (Non-Calculator) Foundation Tier

- 1.
- 13 The diagram shows two points, A and B, on a map.



Scale: 1 to 25000 (a) Find the bearing of *B* from *A*.

(1)

0

(b) Work out the real distance between *A* and *B*. Give your answer in kilometres.

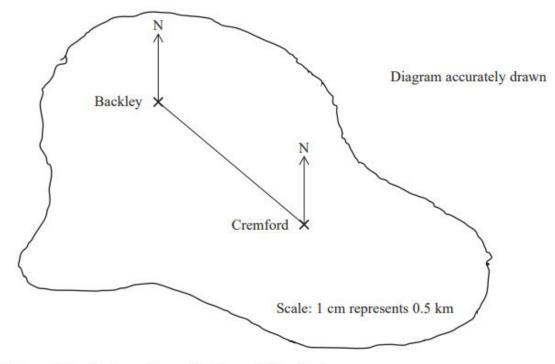
kilometres (3)

(Total for Question 13 is 4 marks)

Pearson Edexcel - Monday 6 November 2017 - Paper 2 (Calculator) Foundation Tier

2.

9 Here is a map of an island.



A straight road joins the two villages, Backley and Cremford.

(a) Work out the real distance between the two villages.

(2) (b) Find the bearing of Cremford from Backley.

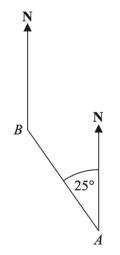
(1)

(Total for Question 9 is 3 marks)

Pearson Edexcel – Specimen 2 - Paper 3 (Calculator) Foundation Tier

3.

18 The diagram shows the positions of two churches, A and B.



Amber says,

"The bearing of church B from church A is 025° "

Amber is wrong. Explain why.

(Total for Question 18 is 1 mark)

OCR Thursday 07 November 2019- Morning (Non-Calculator) Foundation Tier

4.

9 The scale drawing shows the positions of two boats, P and Q.

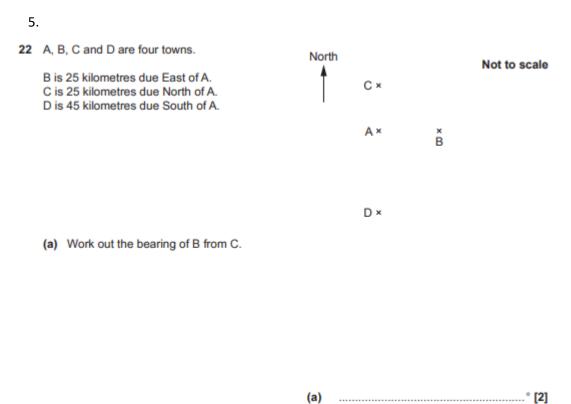
Scale: 1 cm represents 4 km

North North P

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

			(a)	km	[2]
(b)	Measure	e the bearing of boat Q from boat P.			
			(b)		[1]
(c)	c) A lighthouse is				
	:	18 km from boat P on a bearing of 200° from boat Q.			
	On the s	cale drawing, mark a possible position	on of th	ne lighthouse with a cross.	[2]

OCR Thursday 25 May 2017 – Morning (Calculator) Foundation Tier



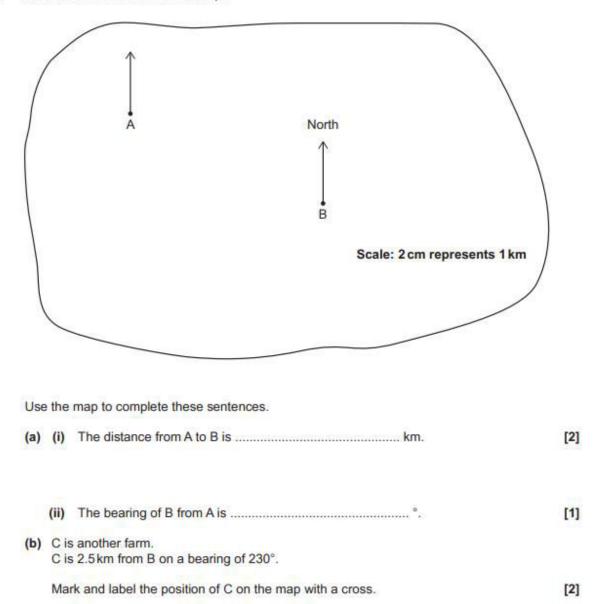
(b) Calculate the bearing of D from B.

(b)° [4]

OCR Thursday 8 June 2017 - Morning (Non - Calculator) Foundation Tier

6.

4 A and B are two farms on this map.

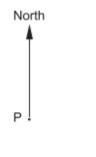


OCR Sample Question Paper 1 – Morning/Afternoon (Calculator) Foundation Tier

7.

16 Otis keeps bees in two beehives. They are marked P and Q in the scale drawing below.





٠Q

(a) If Otis walks at about 2 m/s, estimate how long it takes him to walk from beehive P to beehive Q.

(a) [3]

(b) Bees can indicate to other bees where flowers are.

A bee indicates that there are flowers

- on a bearing of 055° from P
- at a distance of 400 m from P.

On the scale drawing, show the point where the flowers are. Label this point F.

[2]

(c) Otis plants some fruit trees, which are

- · the same distance from P and from Q
- 200 m or less from P.

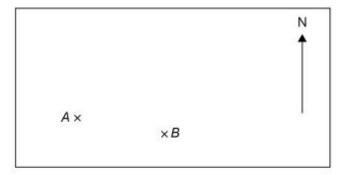
Indicate on the scale drawing where Otis plants the trees. You must show all your construction lines.

[4]

AQA Tuesday 21 May 2019 – Morning (Non-Calculator) Foundation Tier

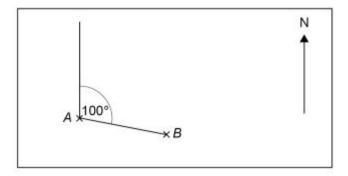
8.

16 (a) Here is a map showing points A and B.



Kemal wants to measure the bearing of A from B.

He draws two lines and measures the angle between them.



Kemal says that the bearing of A from B is 100°

Is his method correct?

Give a reason for your answer.

[1 mark]

16 (b) On a different map, the bearing of D from C is 045° Nina says,

"D is North West of C."

Is Nina correct?

Give a reason for your answer.

[1 mark]

16 (c) This map shows an airport, E, on an island.

×E

Scale: 1 cm represents 100 km

A plane flies due South from the airport.

How far does it fly until it reaches the sea?

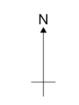
[3 marks]

Answer _____ km

AQA Thursday 8 November 2018 – Morning (Calculator) Foundation Tier

9.

4 What is the angle of turn clockwise from South West to East?



Circle your answer.

[1 mark]

45°	135°	225°	315°
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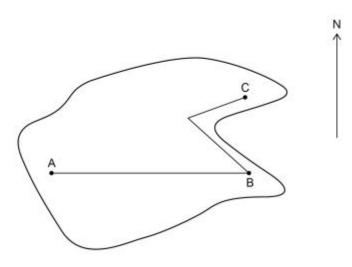
AQA Thursday 7 June 2018 – Morning (Calculator) Foundation Tier

10.

17 Here is a map of an island with cities A, B and C.

The straight lines represent roads.





17 (a) A is due West of B.

Write down the bearing of A from B.

[1 mark]

Answer

17 (b)	Umar drives from A to B on the route shown. Kaz drives from B to C on the route shown.				
	Use the map to work out how much further Umar drives than Kaz.				
	You must show your working.				
	Answer km				

17 (b)	Umar drives from A to B on the route shown.	
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Kaz drives from B to C on the route shown.

Use the map to work out how much further Umar drives than Kaz. You **must** show your working.
[5 marks]

Answer _____ km