

Paper Reference 1ST0/1H
Pearson Edexcel
Level 1/Level 2 GCSE (9–1)

Statistics
Paper 1
Higher Tier
(Calculator)

Thursday 11 June 2020 – Afternoon

Data Book

In the boxes below, write your name, centre number and candidate number.

Surname					
Other names					
Centre Number					
Candidate Number					

INSTRUCTIONS

There may be spare copies of some data sheets in case you need them.

THIS DATA BOOK *MUST* BE RETURNED WITH THE QUESTION PAPER AT THE END OF THE EXAMINATION.

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Question 1

To what extent do you agree with the statement, the presenter was knowledgeable?

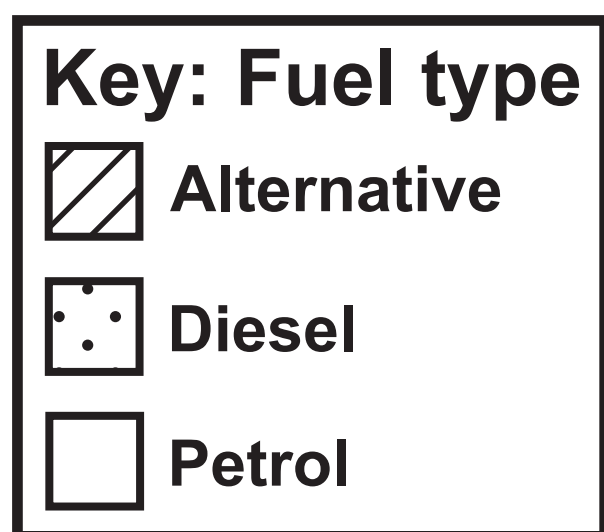
Use a scale from 0 to 5, where 0 means I STRONGLY DISAGREE and 5 means I STRONGLY AGREE

Question 2

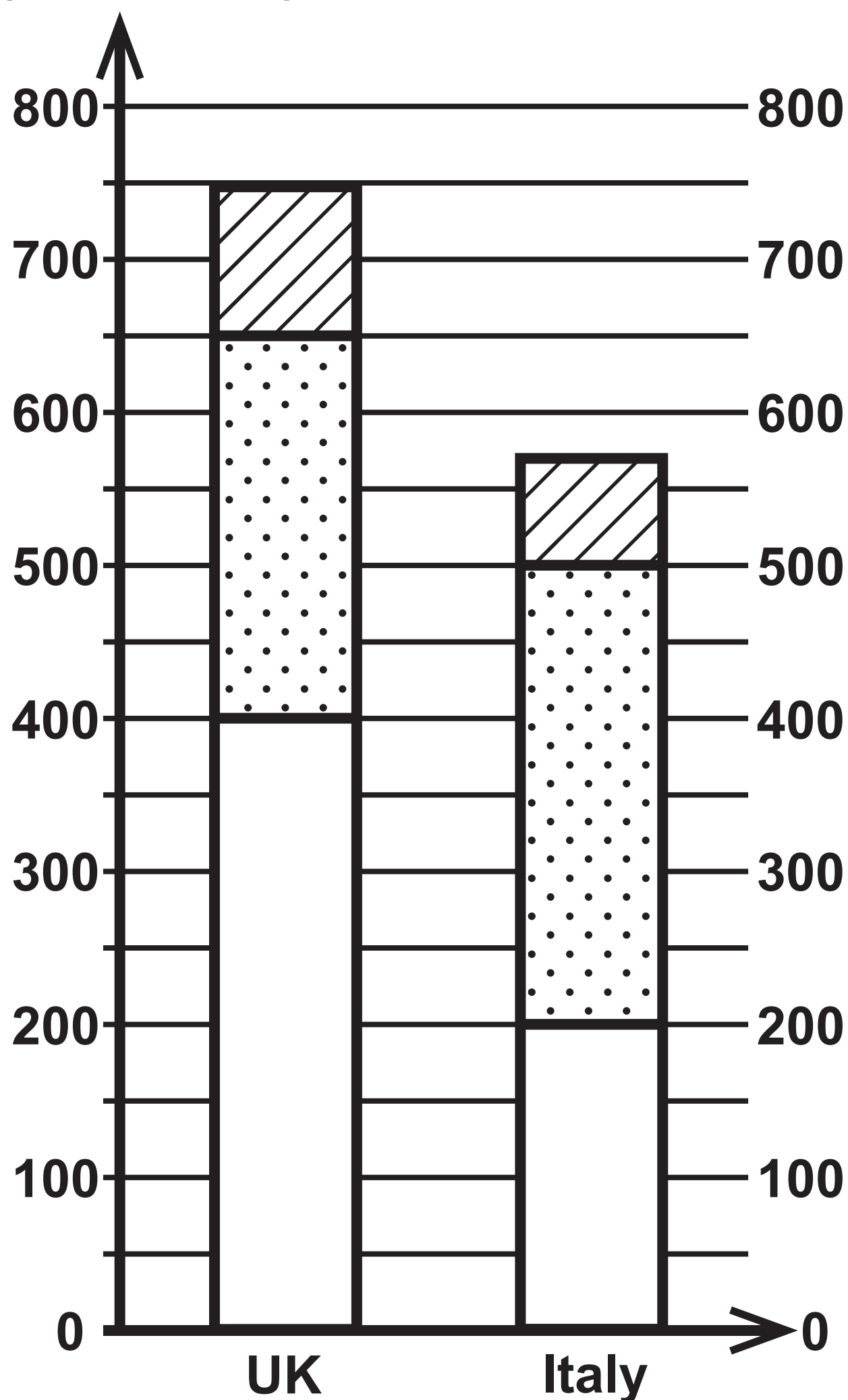
Percentage change	Police force regions
0·1% to 5·3% increase	2, 4, 8, 10, 12, 23, 25, 27, 32, 37, 38, 39, 40
0·0% to 1·0% decrease	3, 5, 7, 9, 18, 26, 28, 29, 34
1·1% to 4·0% decrease	1, 13, 14, 20, 24, 30, 31, 36, 41, 42
4·1% to 9·3% decrease	6, 11, 15, 16, 17, 19, 21, 22, 33, 35

Source: adapted from ONS

Question 3



**New car registration
(thousands)**

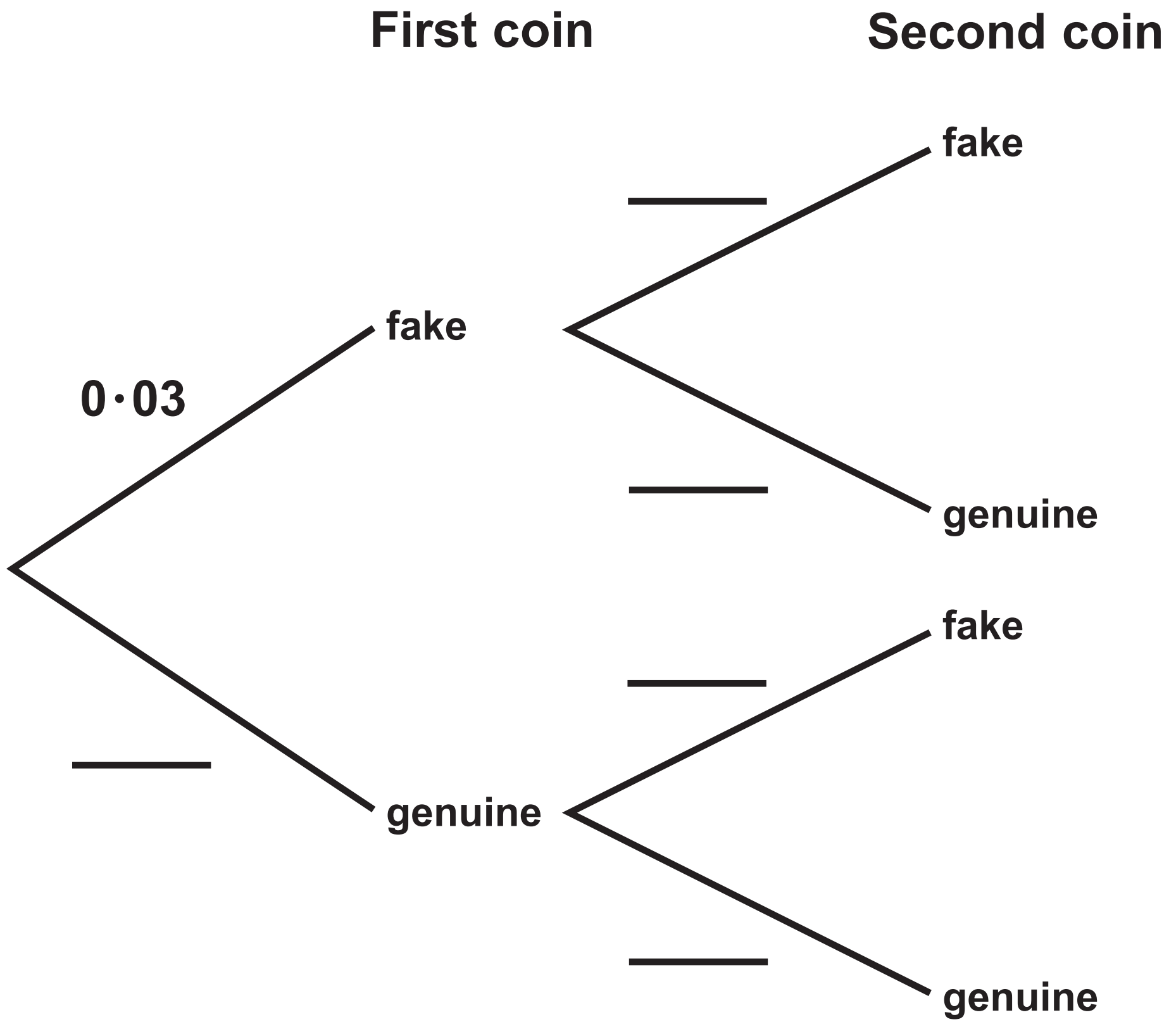


(Source: adapted from European Automobile Manufacturers Association)

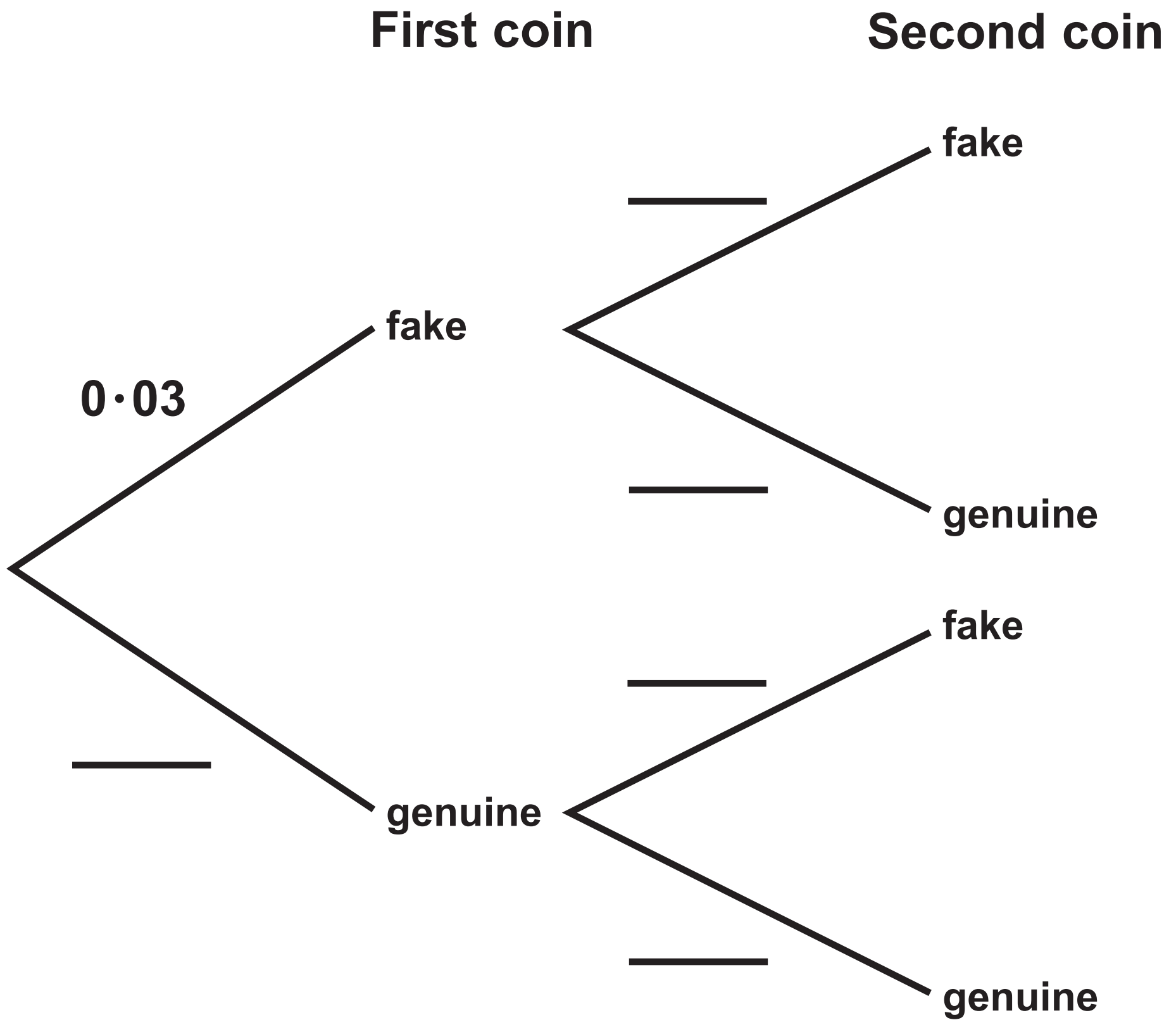
Question 3(d)

	Q1 2015	Q1 2016	Q1 2017
Alternative fuel new car registrations	20 785	25 707	33 405

Question 4



Question 4

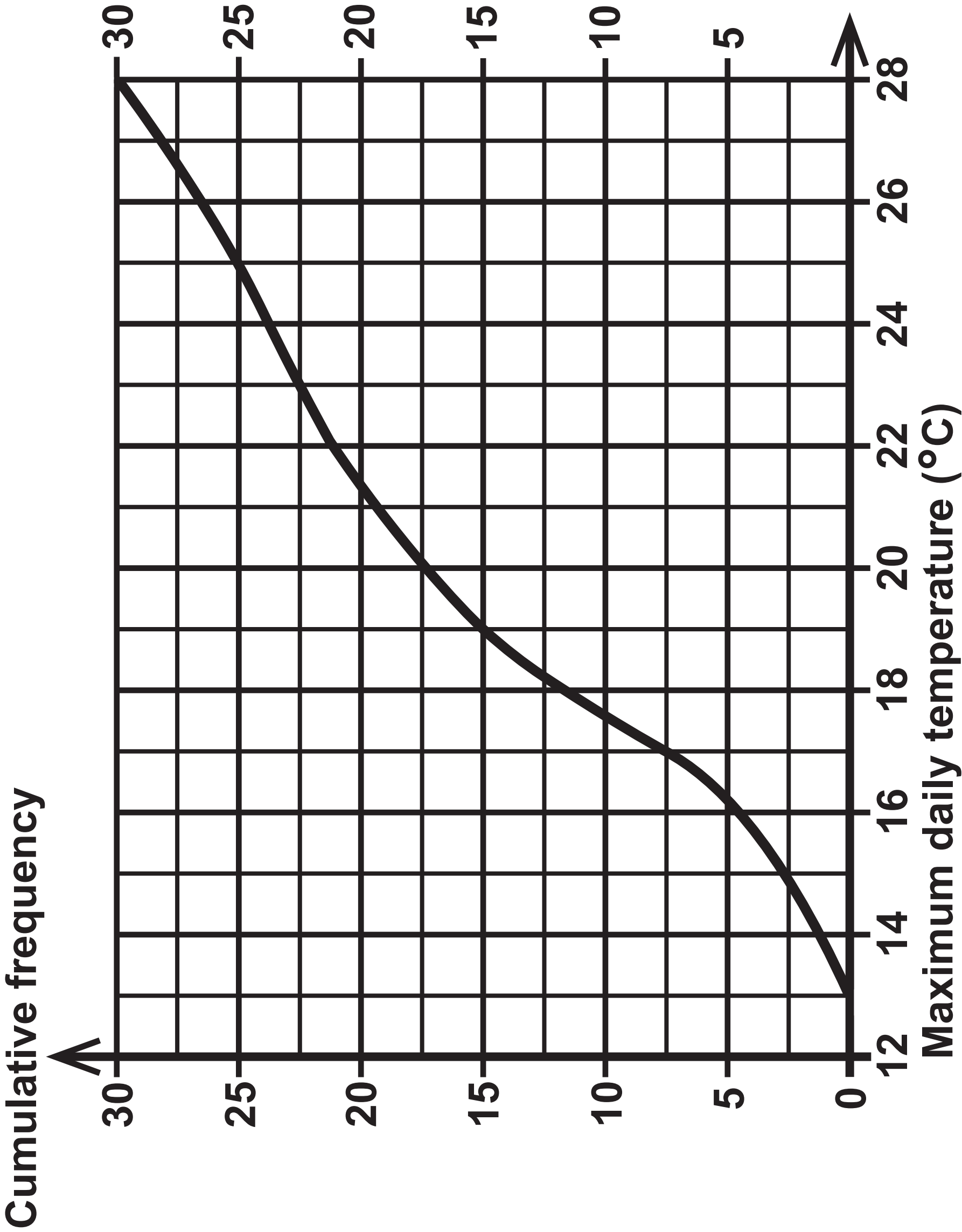


Question 5

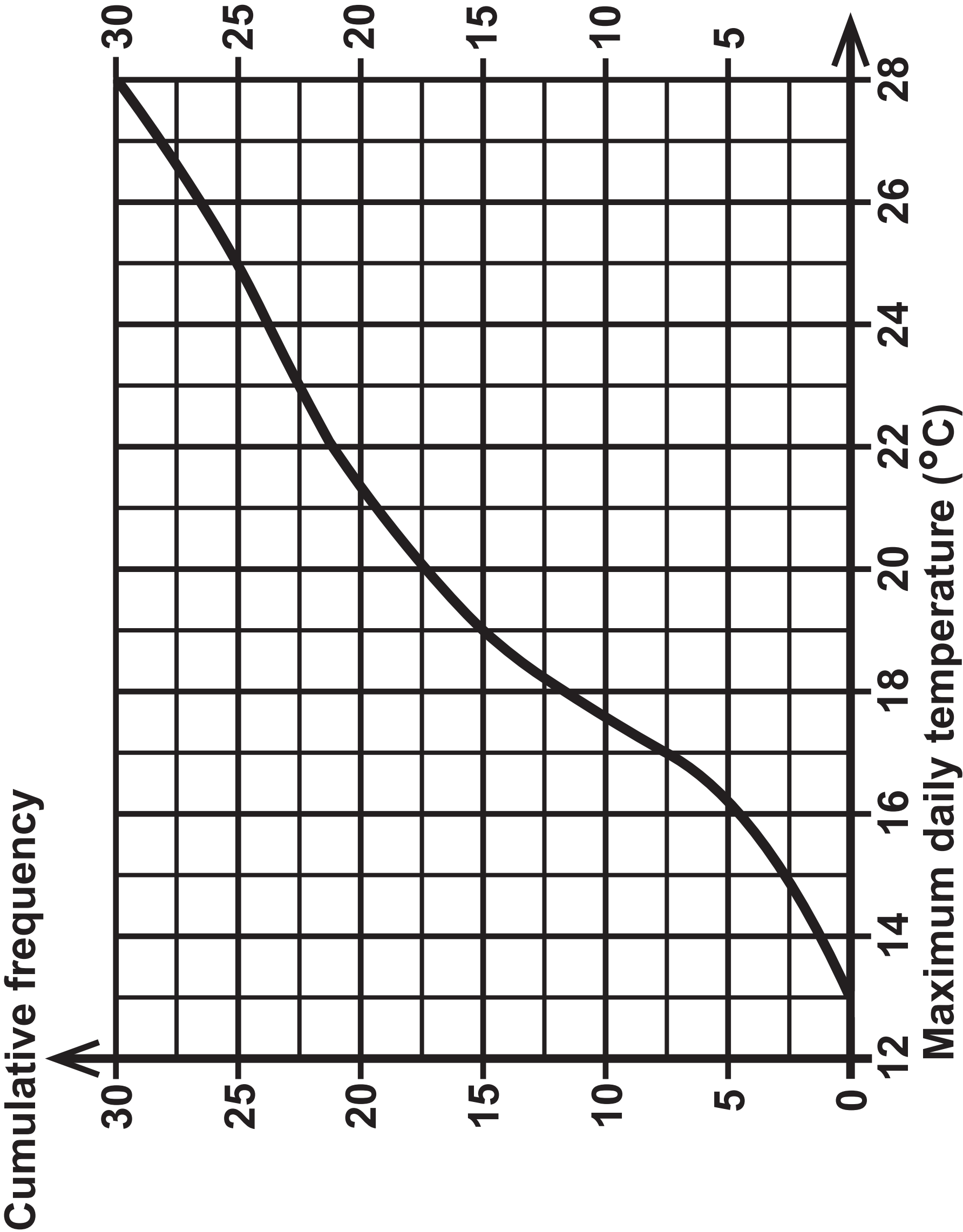
Train facilities	sample size	% satisfied or good	% neither /nor	% dissatisfied or poor
Frequency of the trains on that route	24 739	74	10	16
Punctuality (arriving/ departing on time)	24 868	72	9	19
Helpfulness and attitude of staff on train	13 961	65	24	10
Toilet facilities	11 381	41	19	40
Cleanliness of the inside	25 219	75	14	11
How well train company deals with delays	6581	37	34	29
Level of crowding	24 728	70	13	17

(Source: adapted from National Rail Passenger Survey)

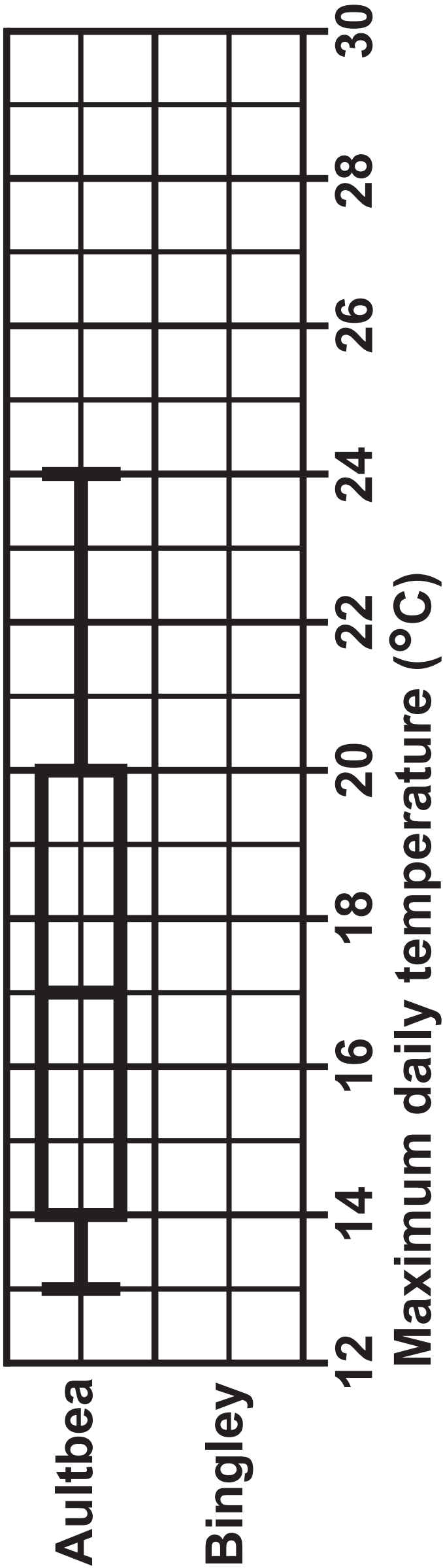
Question 6



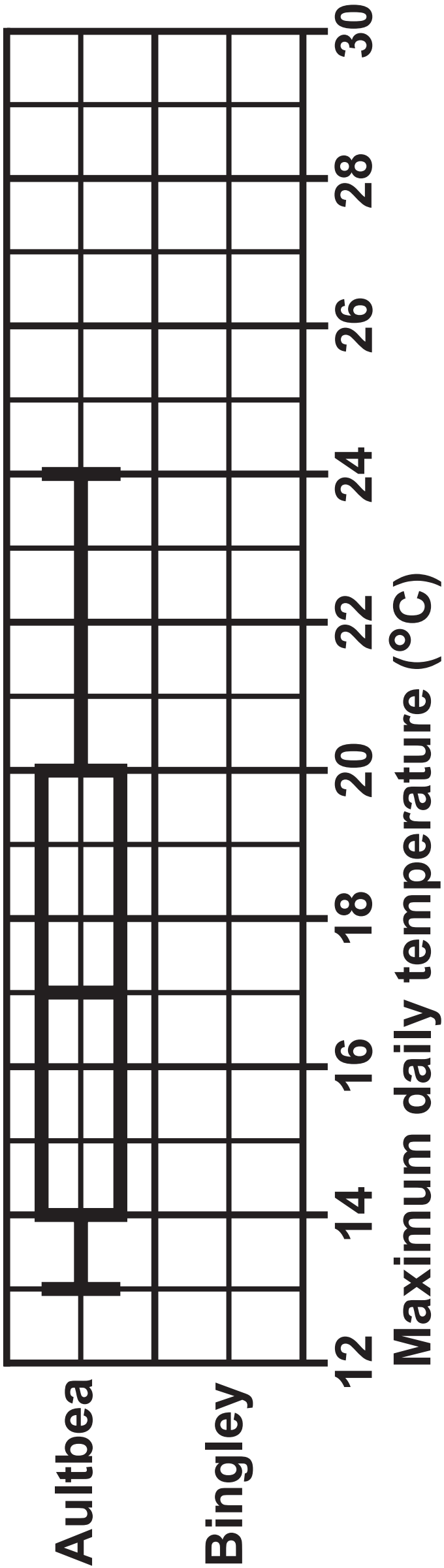
Question 6



Question 6(c)



Question 6(c)



Question 7(c)

Access to news	Male	Female
Newspapers		
Online subscription news service		
Television news		
Social media		

Question 8

Examination	Mean mark	Standard deviation
Maths	52	10
Statistics	59	6

Question 10(a)

Year	Price index number	Chain base index number
2012	100	
2013	104·3	104·30
2014	107·0	102·59
2015	109·4	102·24
2016	110·1	100·64
2017	111·4	

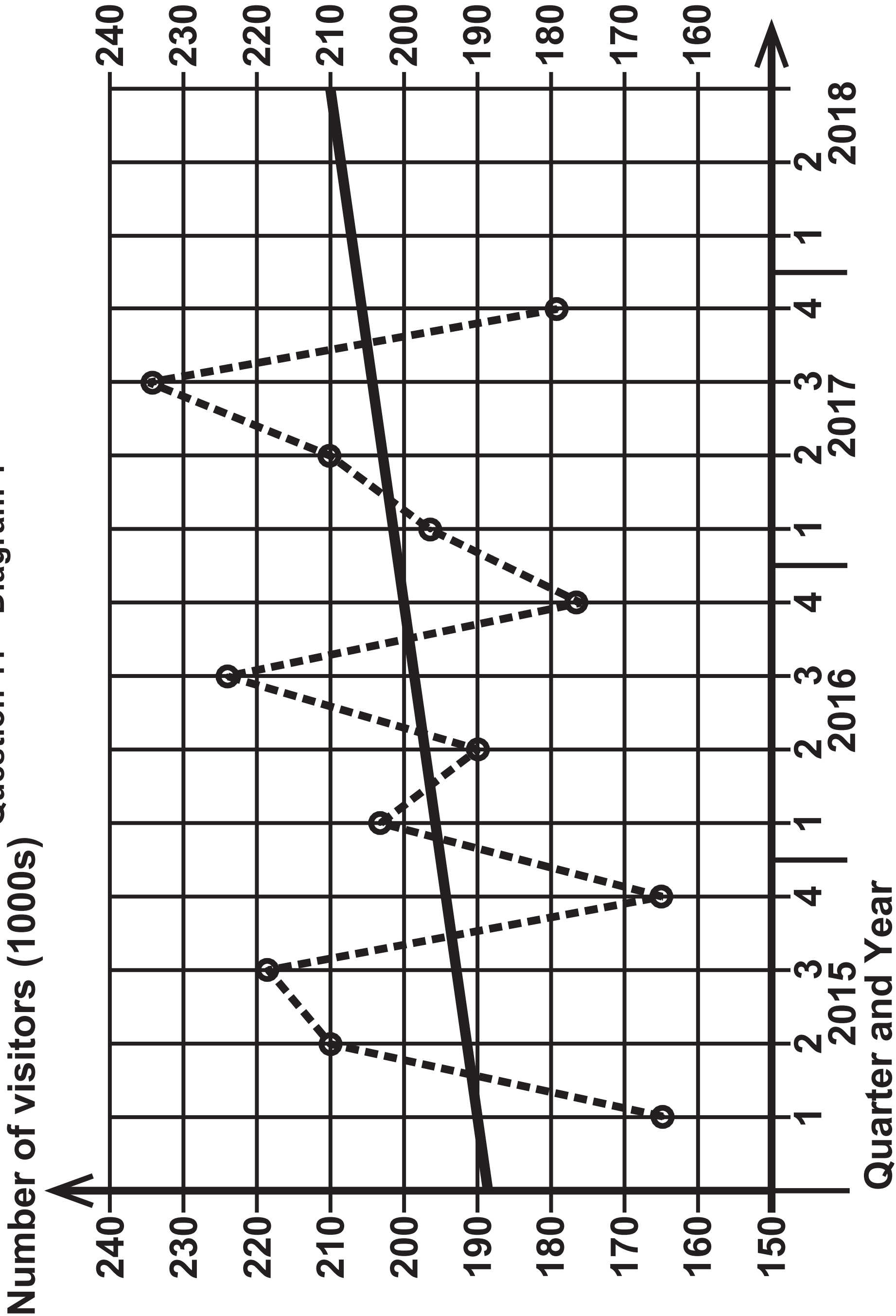
(Source: Office of Rail and Road)

Question 10(b)

$$111.4 - 110.1 = 1.3$$

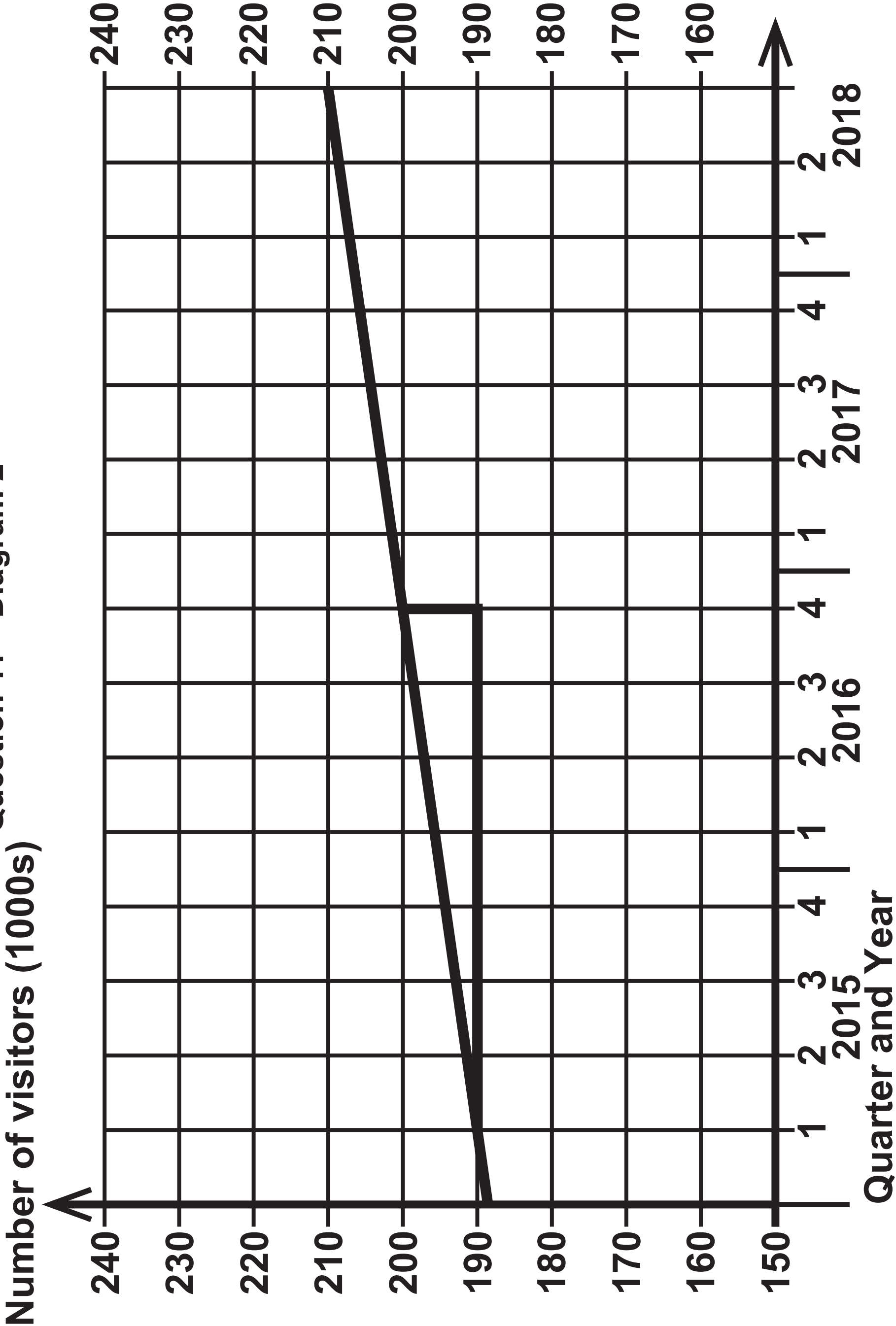
Hence, the cost of the average rail fare in Great Britain has risen by 1.3% between **2016** and **2017**

Question 11 – Diagram 1



(Source: adapted from gov.uk/DCMS)

Question 11 – Diagram 2



(Source: adapted from gov.uk/DCMS)

Group	Marks from judge	Mayor's rank			
Artex Monkeys	37	2			
Brevity	39	1			
Carfax	36	5			
Deft Ducks	29	4			
Extinct	27	6			
Flaming Friars	34	3			

Question 12

Group	Marks from judge	Mayor's rank			
Artex Monkeys	37	2			
Brevity	39	1			
Carfax	36	5			
Deft Ducks	29	4			
Extinct	27	6			
Flaming Friars	34	3			