

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

Statistics
PAPER 2
Higher Tier
(Calculator)

Data Booklet

**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 BOOKLET MUST BE
RETURNED WITH THE QUESTION
PAPER AT THE END OF THE
EXAMINATION.**

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(Spare copy)**

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(Spare copy)**

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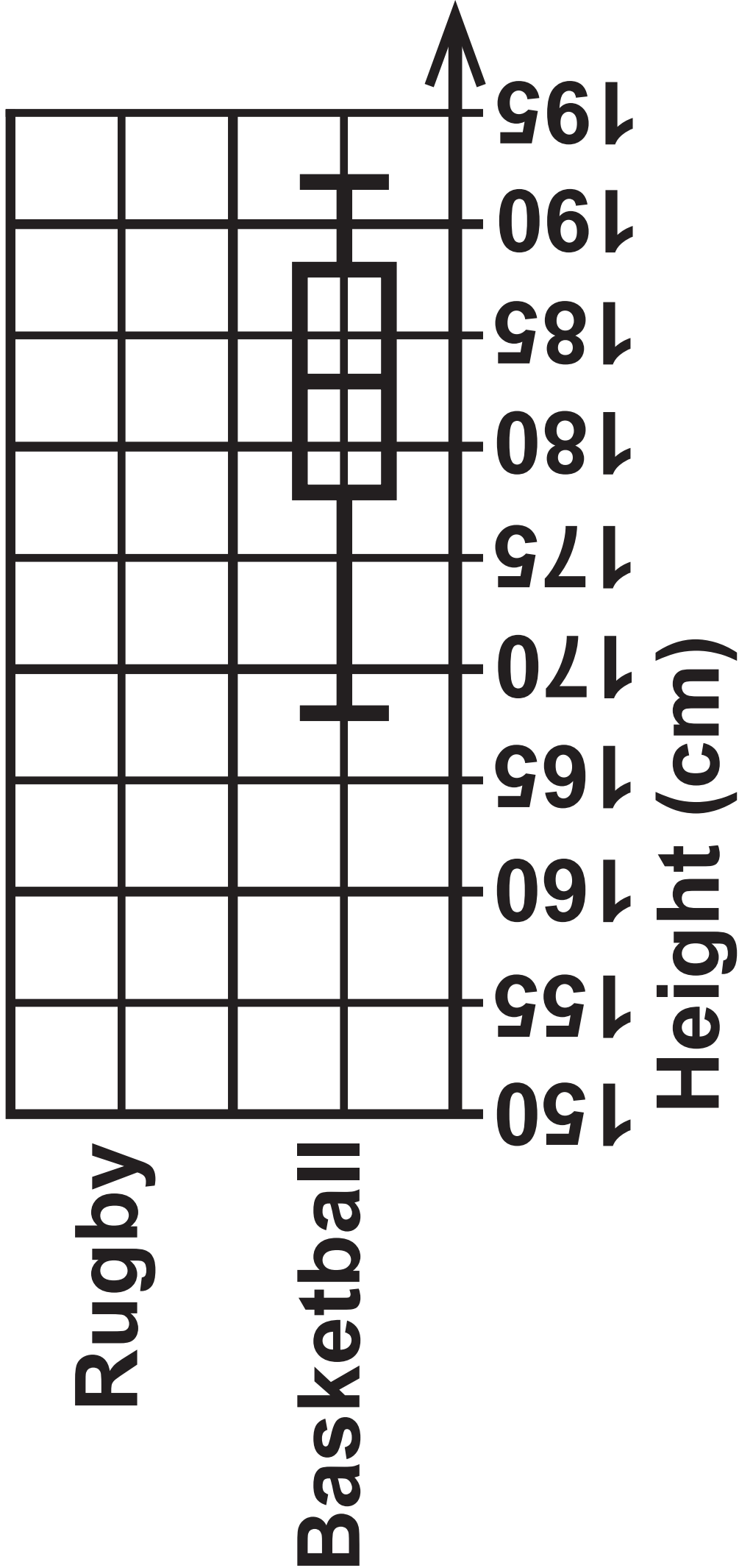
Question 1

Month	Absolute risk of rainfall on a day
May	0·452
July	

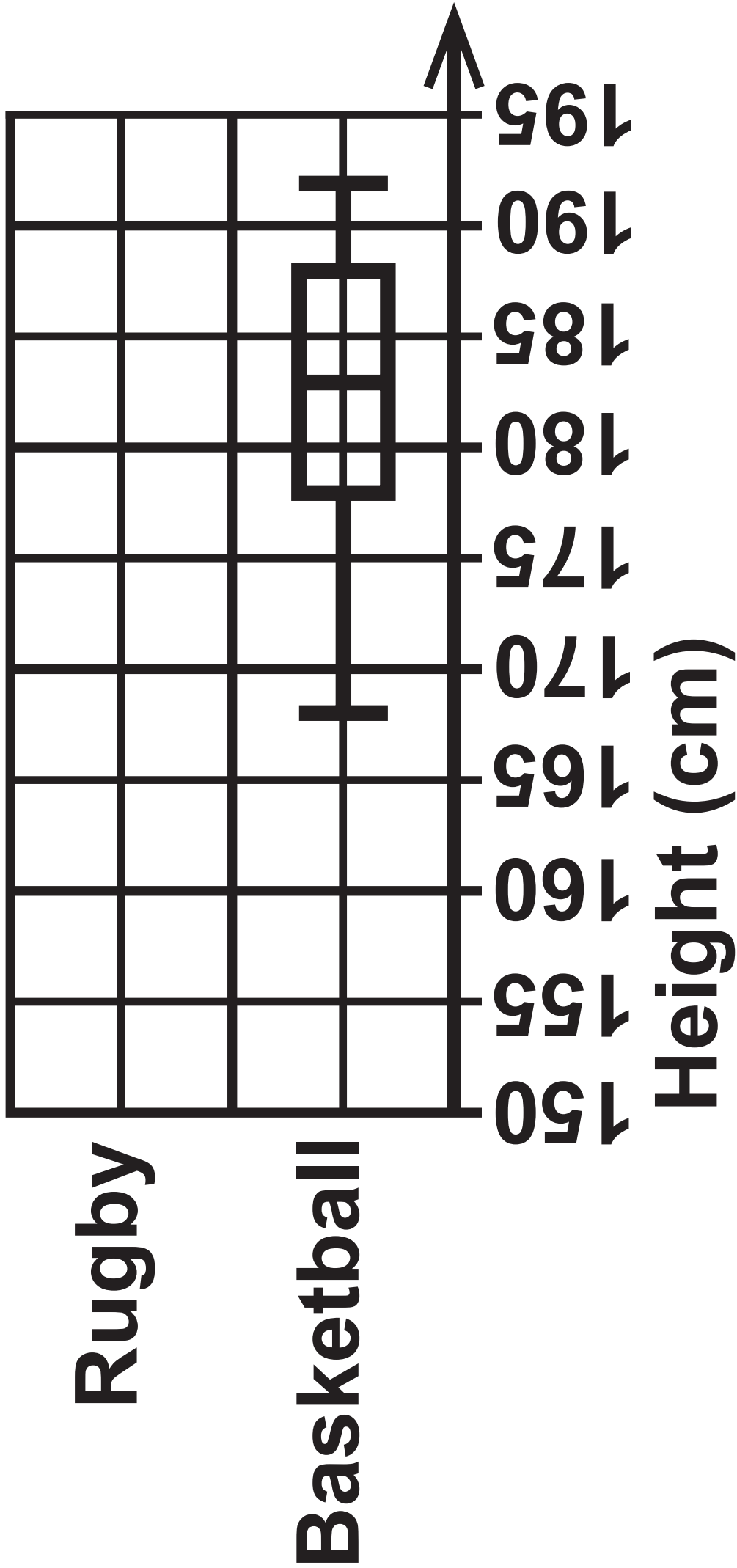
Question 1

Month	Absolute risk of rainfall on a day
May	0·452
July	

Question 2



Question 2



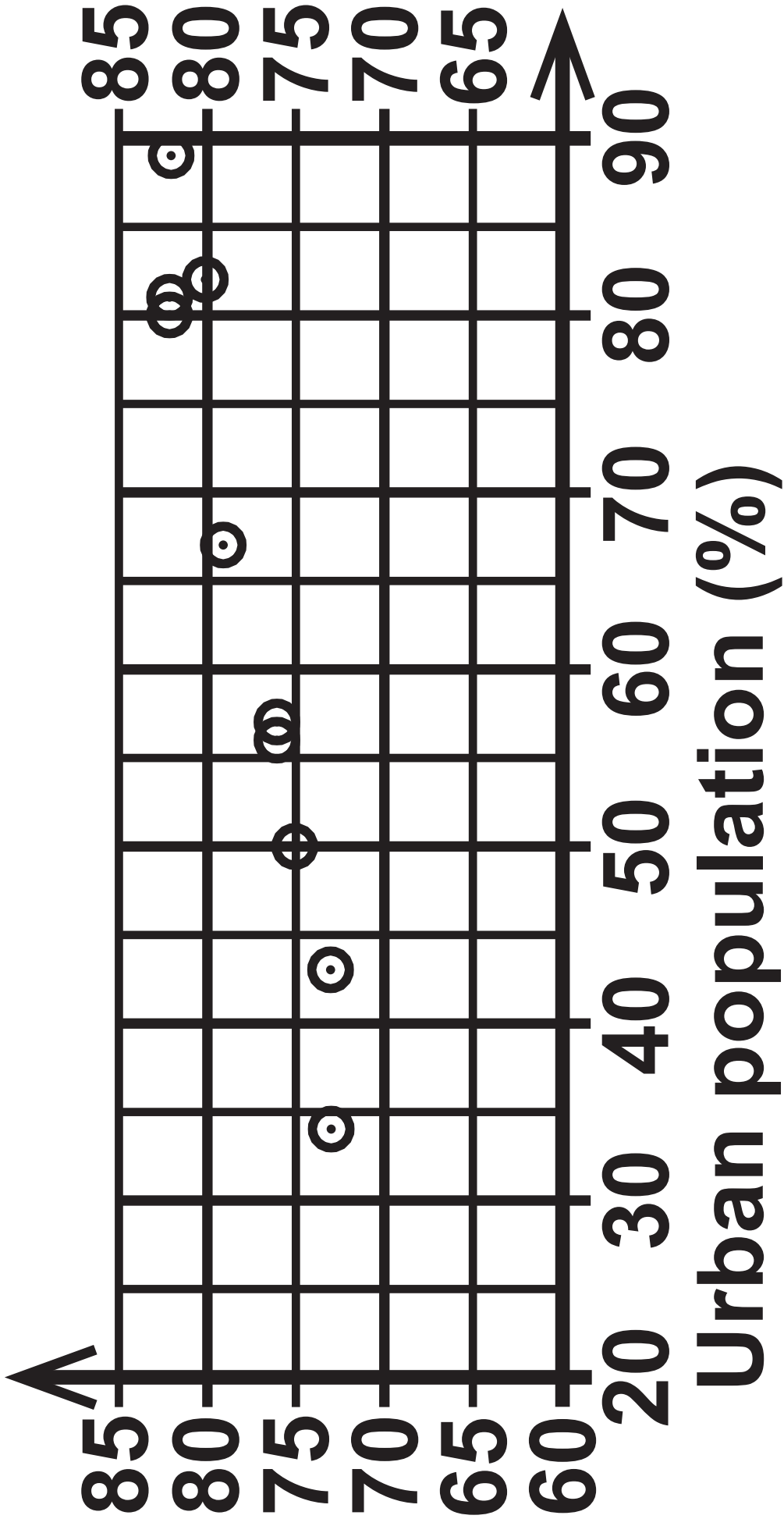
Question 3

Country	Urban population (%)	Life expectancy (years)
Australia	89	82
Bangladesh	34	73
China	56	76
Egypt	43	73
France	80	82
Macedonia	57	76
Norway	81	82
Panama	67	79
Thailand	50	75
USA	82	80

Questions 3(d), (e) and (f)

Life expectancy

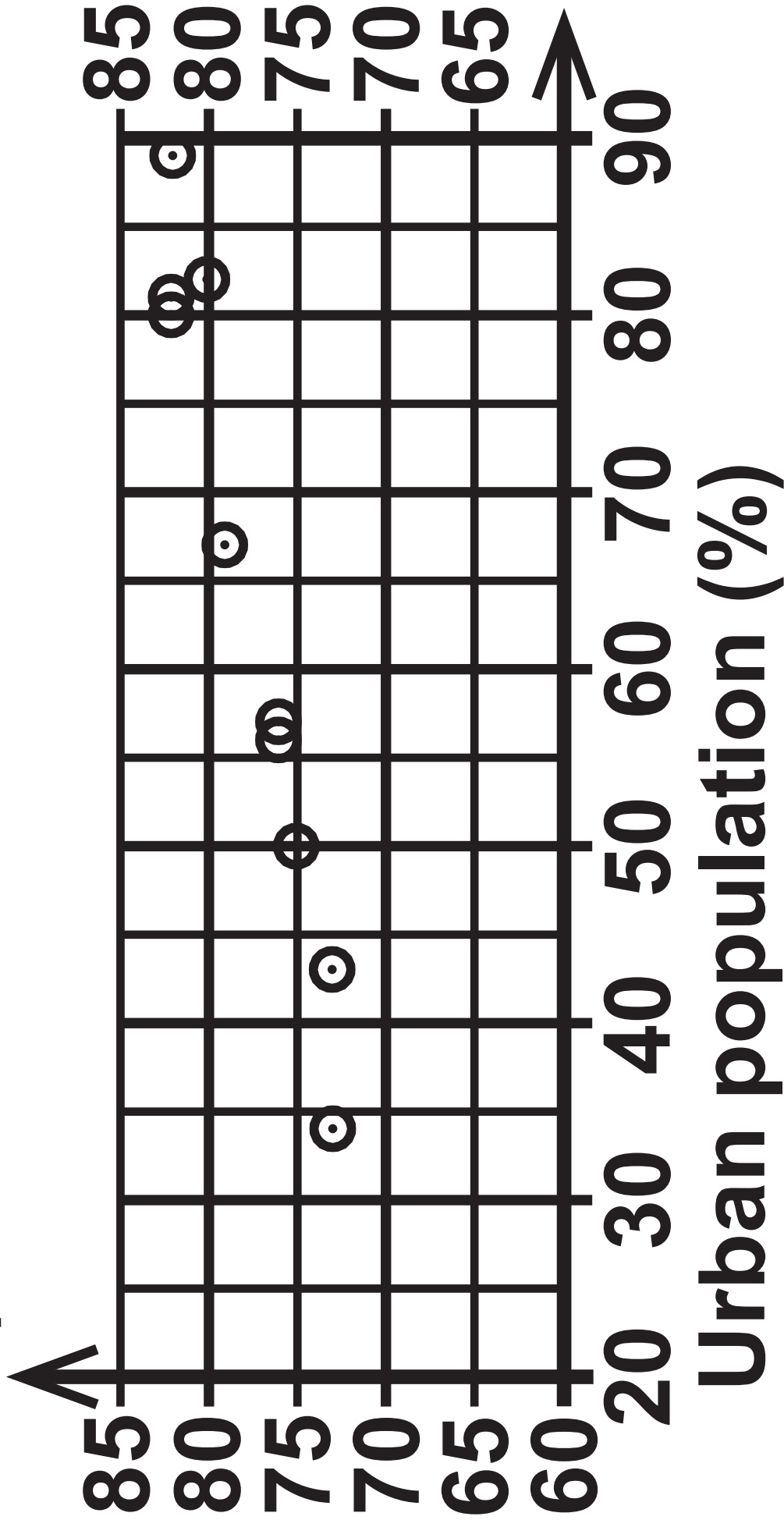
(years)



Questions 3(d), (e) and (f)

Life expectancy

(years)



Question 4(a)

Table 1

Specialist	Average number of consultations
A	16
B	24
C	10

Table 2

Specialist	2-digit numbers
A	00 to 31
B	32 to 79
C	80 to 99

Question 4(b)

Specialist	Simulated number of consultations
A	
B	
C	

Question 4(b)

Specialist	Simulated number of consultations
A	
B	
C	

Question 5

An adventure travel company runs expeditions for groups of 20 people.

The company provides all the food and equipment for these expeditions.

The manager of the company wants to trial a new sports drink to see if it is better than the usual sports drink.

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Question 5 continued.

He decides on the following plan.

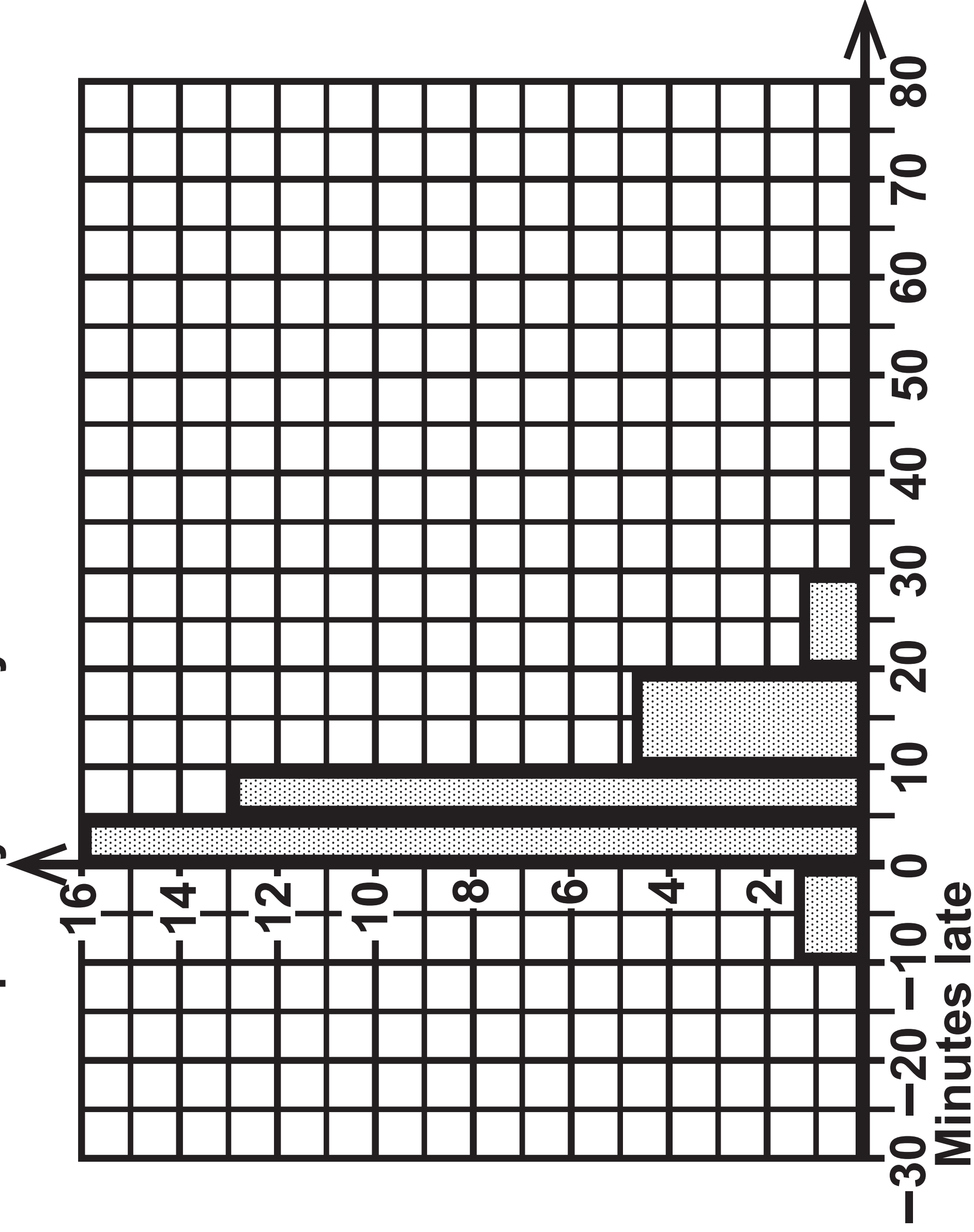
- **Before the expedition each of the 20 people will complete a questionnaire about their fitness and energy levels.**
- **The 20 people will be divided into two groups of 10 people, a test group and a control group.**
- **The test group will be given the new sports drink during the expedition.**
- **The control group will be given the usual sports drink during the expedition.**

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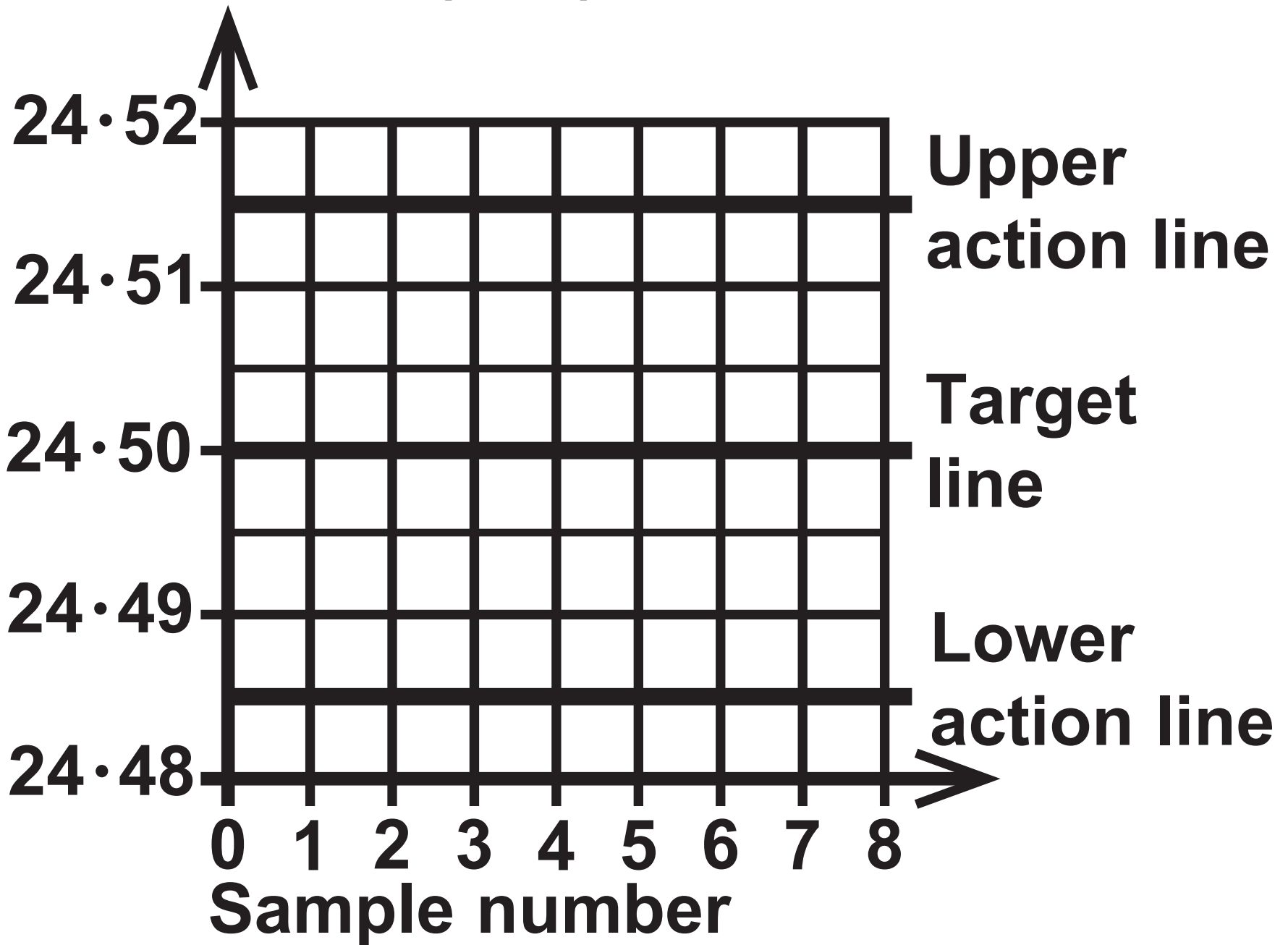
Question 5 continued.

- **After the expedition each of the 20 people will again complete a questionnaire about their fitness and energy levels.**
- **The energy levels of the two groups after the expedition will be compared.**



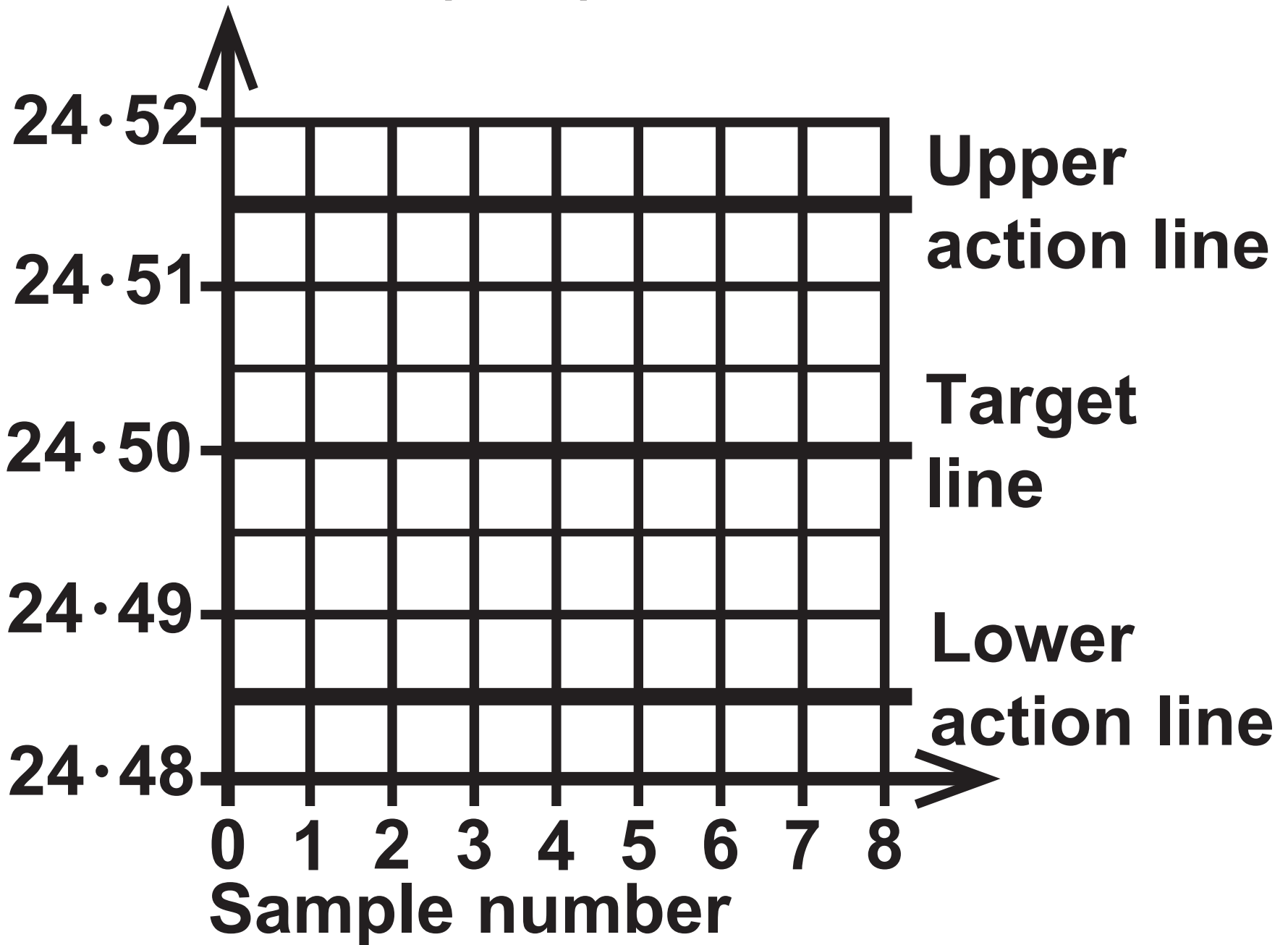
Question 8 – Diagram 1

Sample mean (mm)



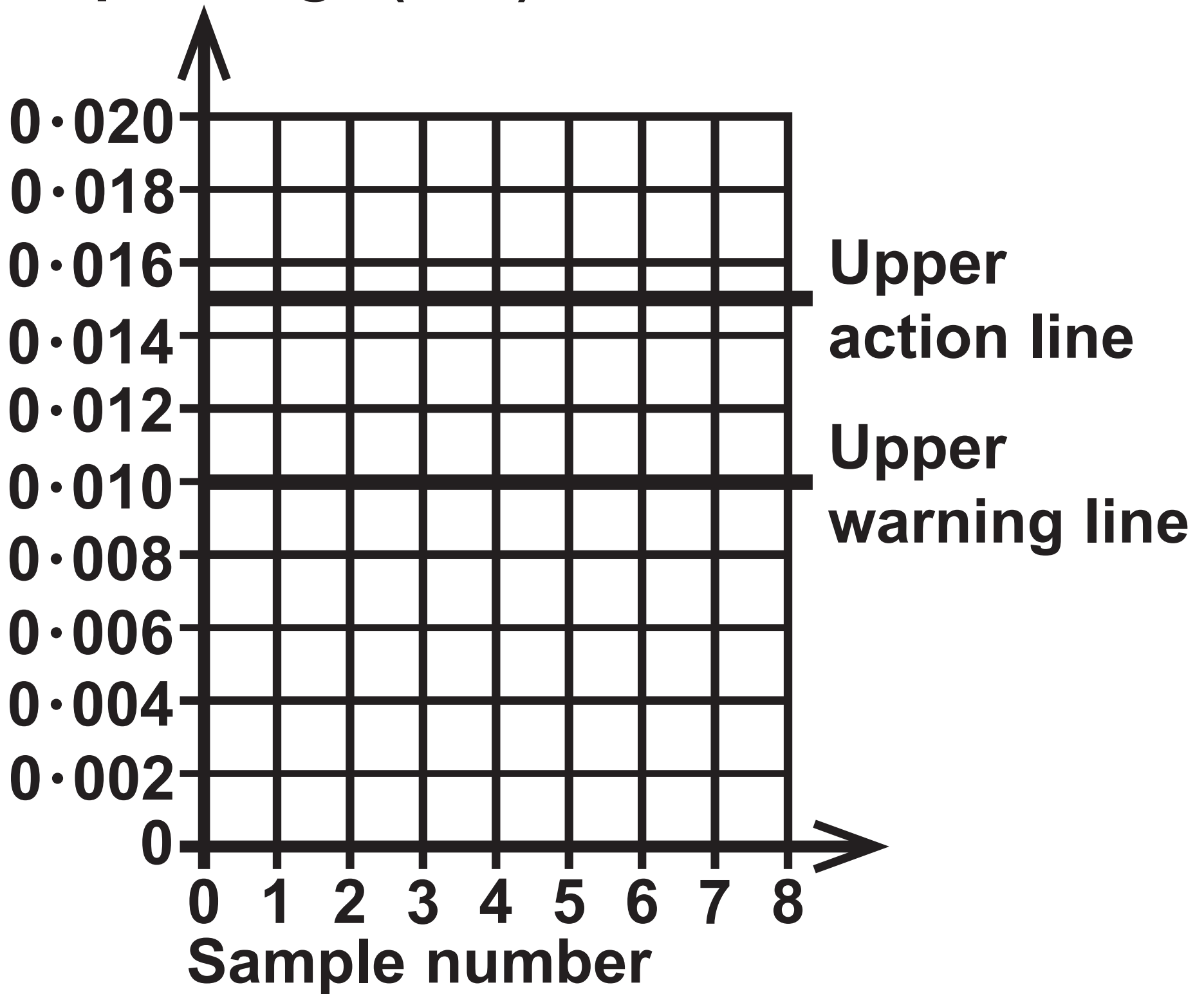
Question 8 – Diagram 1

Sample mean (mm)



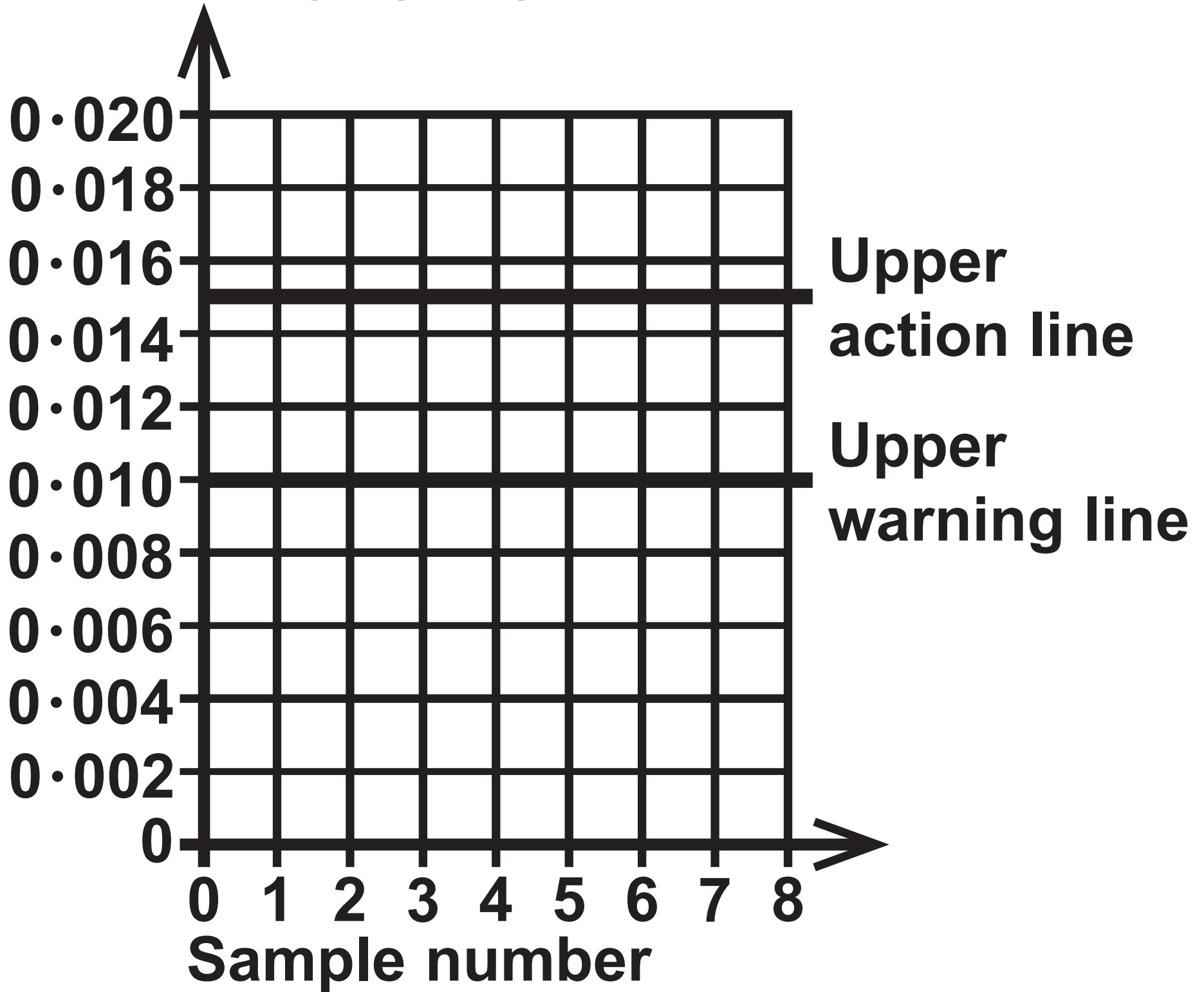
Question 8 – Diagram 2

Sample range (mm)

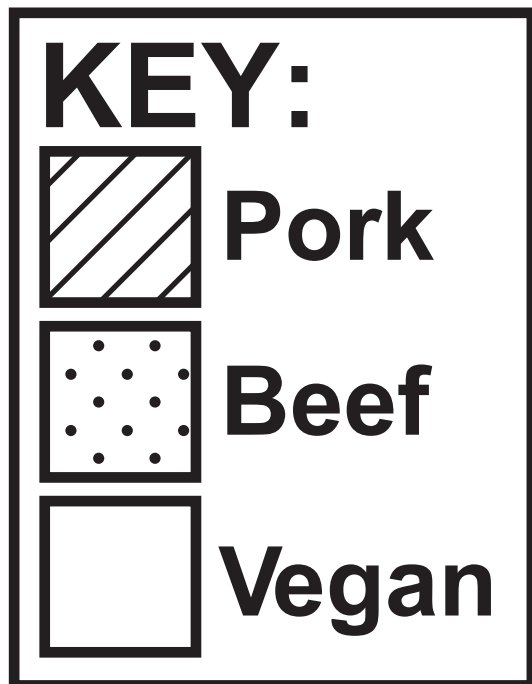


Question 8 – Diagram 2

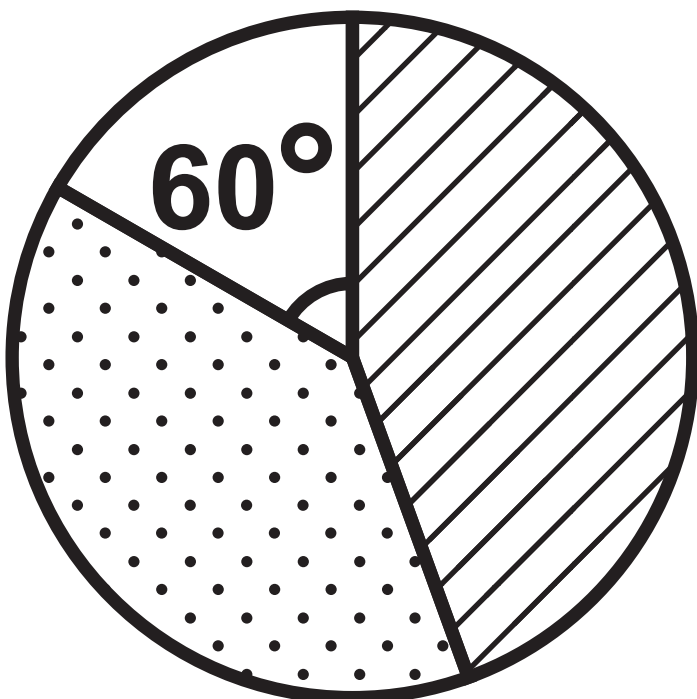
Sample range (mm)



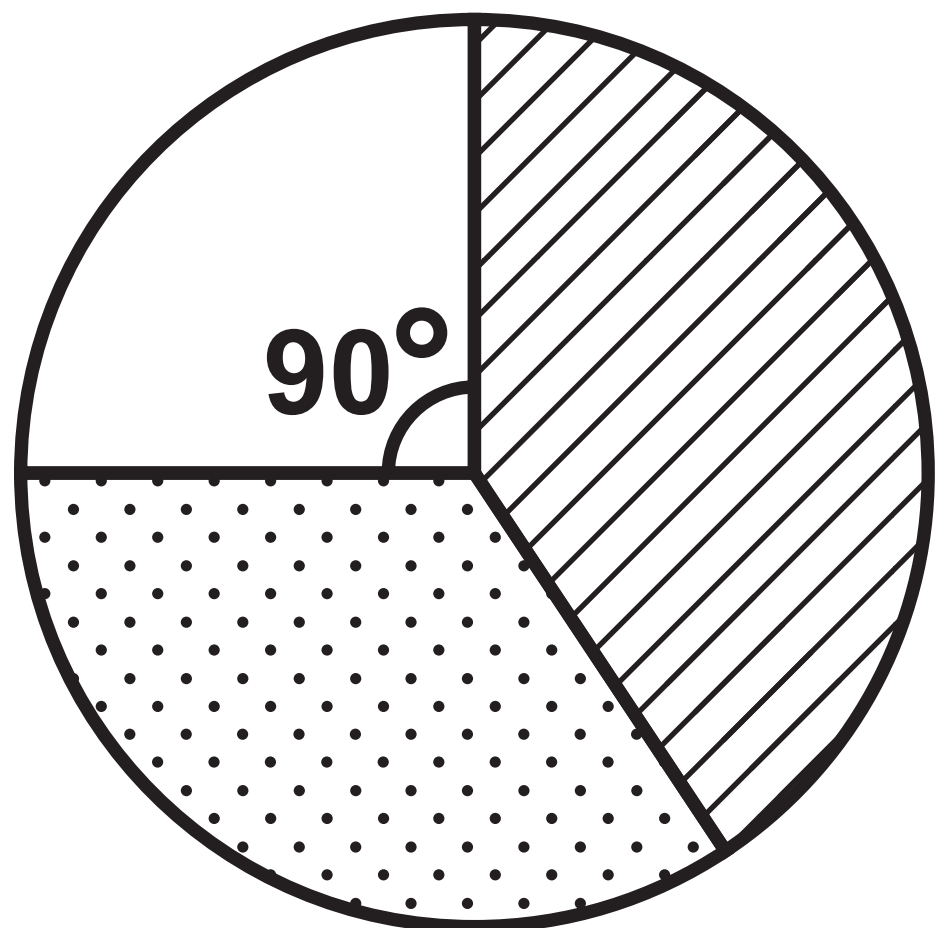
Question 9



MAY 2015



MAY 2019

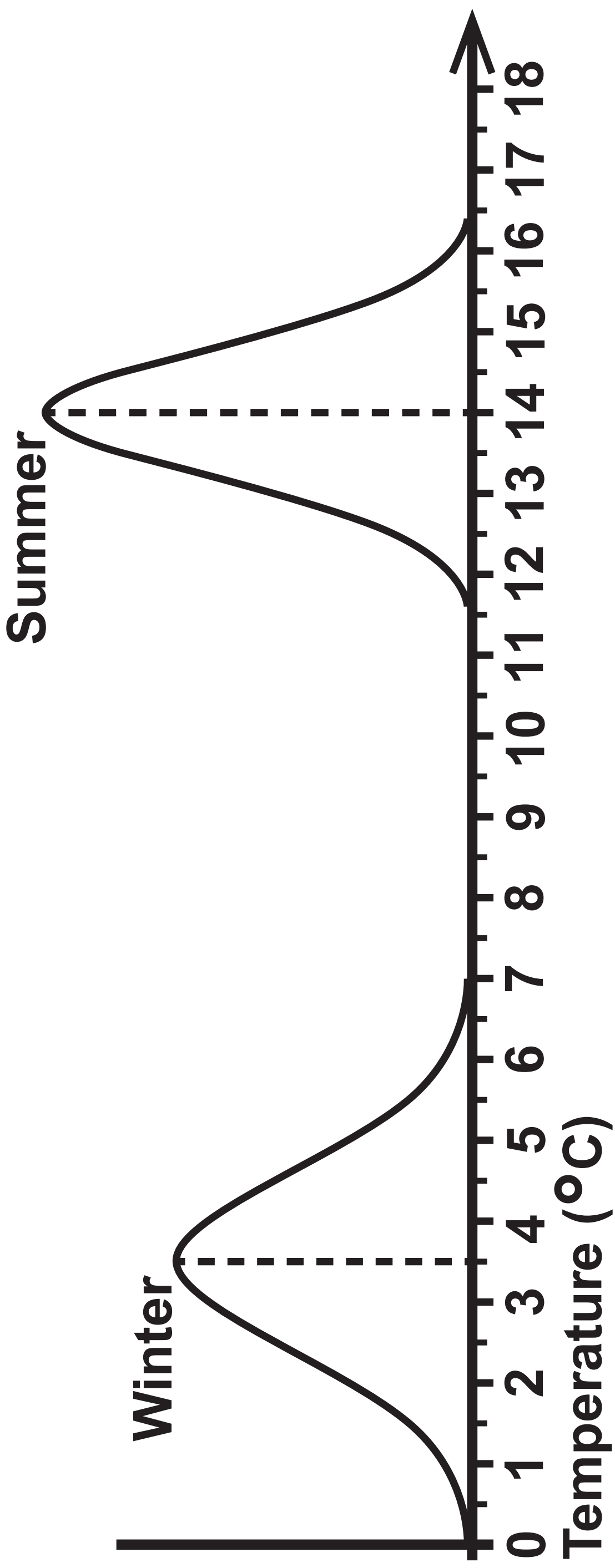


Question 10

Item	Index number	Jones family weighting	
Food, alcohol and tobacco	106.4	17	
Clothing and footwear	102.0	8	
Housing and services	107.5	32	
Transport	112.5	6	
Communication, recreation and leisure	108.9	25	
Health, education and miscellaneous	106.6	12	

Item	Index number	Jones family weighting	
Food, alcohol and tobacco	106.4	17	
Clothing and footwear	102.0	8	
Housing and services	107.5	32	
Transport	112.5	6	
Communication, recreation and leisure	108.9	25	
Health, education and miscellaneous	106.6	12	

Question 11



Sources

Question 1

(Source: www.isleofskyewweather.co.uk)

Question 2

**(Source: englandrugby.com,
gbbasketball.com)**

Question 3

(Source: CIA World Factbook)

Question 7

(Source: www.recenttraintimes.co.uk)

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Sources continued.

Question 10

(Source: Office for National Statistics)

Question 11

(Source: www.metoffice.gov.uk)