

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

**Statistics**  
**PAPER 2**  
**Foundation Tier**  
**(Calculator)**

**Monday 17 June 2024 – Afternoon**

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

<b>Surname</b>					
<b>Other names</b>					
<b>Centre Number</b>					
<b>Candidate Number</b>					

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

## **INSTRUCTIONS**

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

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**24            Question 1(c)**

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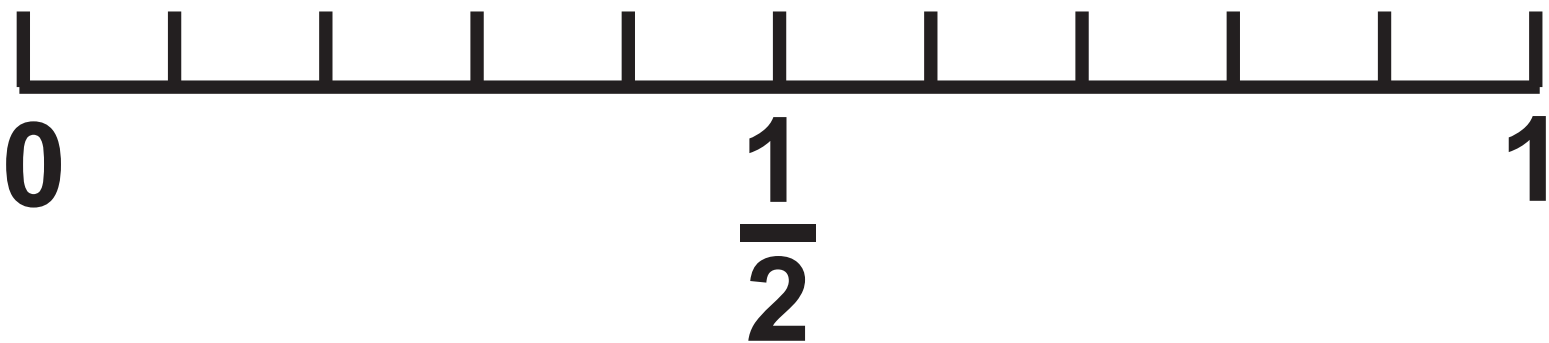
**26–27       Question 3(a)**

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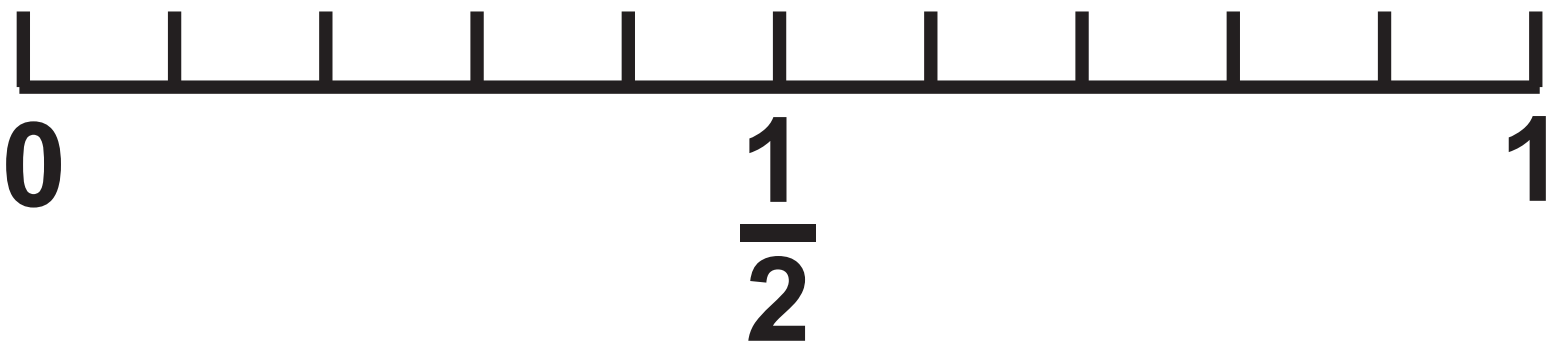
**30            Question 8(a), 8(b), 8(c) and 8(d)**

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Question 1(c)

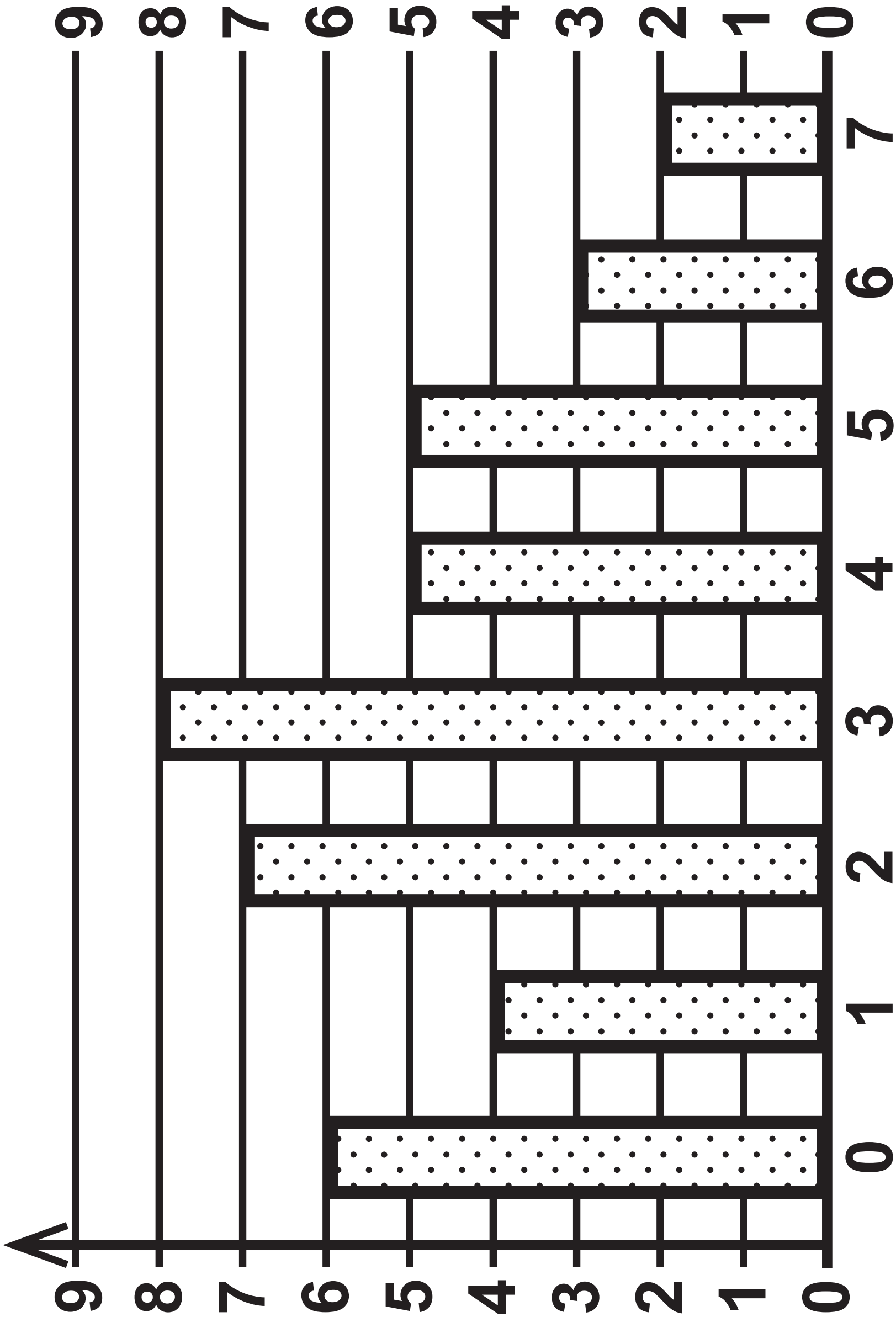


Question 1(d)



Question 2

Frequency



Gym usage (days per week)

Question 3(a)

Number of Olympic medals won	Tally	Frequency
0		
1		
2		
3		

(continued on the next page)



Question 3(a) continued.

Number of Olympic medals won	Tally	Frequency
4		
5		
6		
7		

## Question 5

### Data collection

Visit a random sample of driving test centres in each region to ask for their waiting time in June.

### Calculations

Calculate the average waiting time for each region for June.

Calculate the range of the waiting times for each region for June.

### Diagrams

Draw a bar chart showing the average waiting time for each region in June.

Draw a pie chart showing the range of waiting times for each region in June.

## Question 6

### KEY:



**Points from draws**



**Points from wins**

**A**      **Arbroath**

**AU**      **Ayr United**

**DA**      **Dunfermline Athletic**

**K**      **Kilmarnock**

**M**      **Morton**

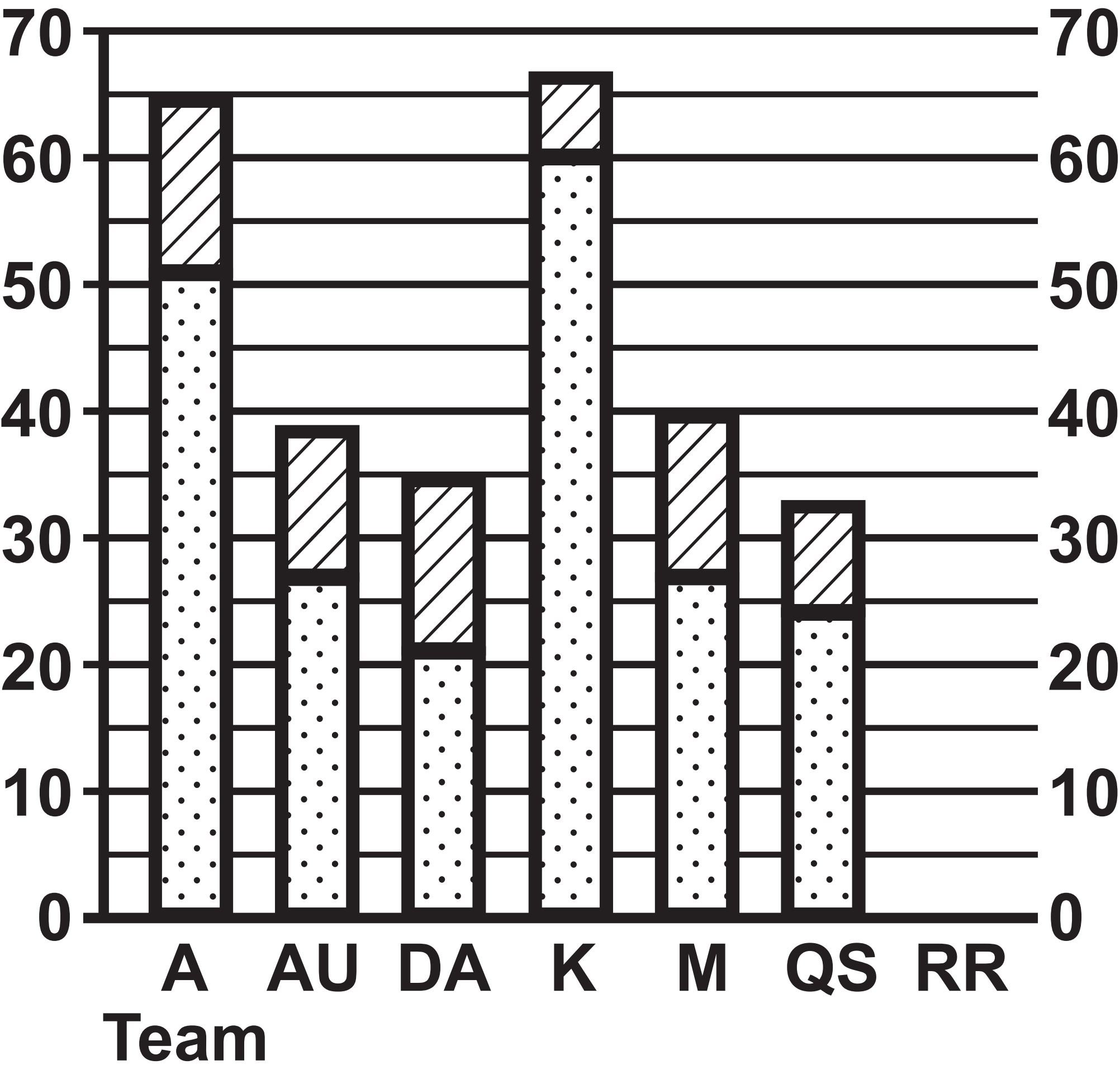
**QS**      **Queen of the South**

**RR**      **Raith Rovers**

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Question 6 continued.

Points

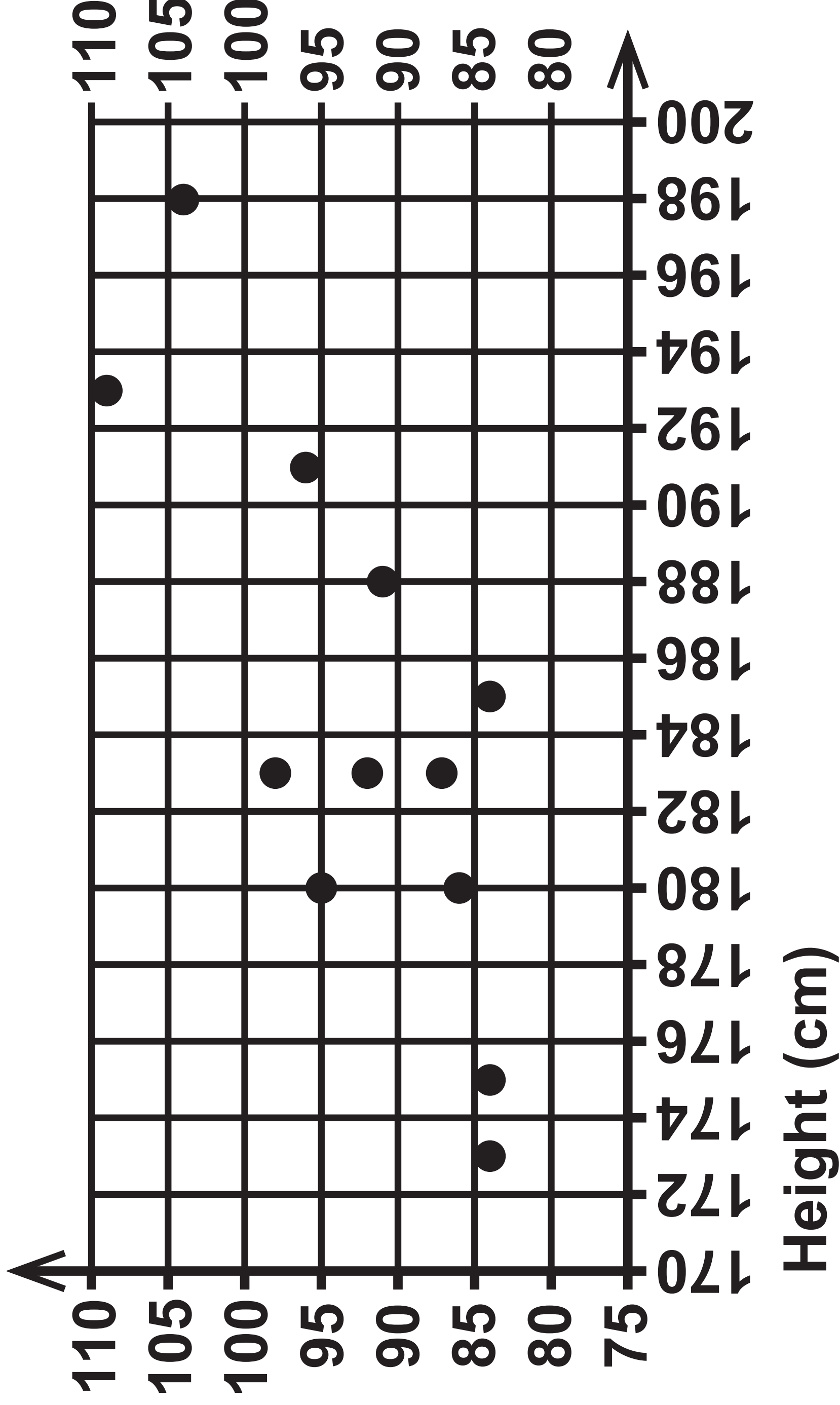


Question 7(d)

Type of food	Tally
Pizza	
Chinese	
Curry	
Fish and chips	

Question 8(a), 8(b), 8(c) and 8(d)

Weight (kg)



**Question 8(f) and 8(g)**

	<b>Spearman's rank correlation coefficient</b>	<b>Gradient of line of best fit</b>
<b>Wales rugby squad Backs</b>	<b>0.75</b>	<b>0.96</b>
<b>England rugby squad Backs</b>	<b>0.65</b>	<b>1.02</b>

Question 9

	School	Time spent reading
1	Green Park	3 hours and 10 minutes
2	Golden	2·5 hours
3	GP	45
4	GREEN PARK	1h30
5	Golden Plains	3½h

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Question 9 continued.

	School	Time spent reading
6	Green park	About 5 hours
7	Green park school	None
8	—	90
9	Golden plains	1·5h

**Question 10(b) and 10(c)**

**Mean annual household income in  
\$ thousands.**

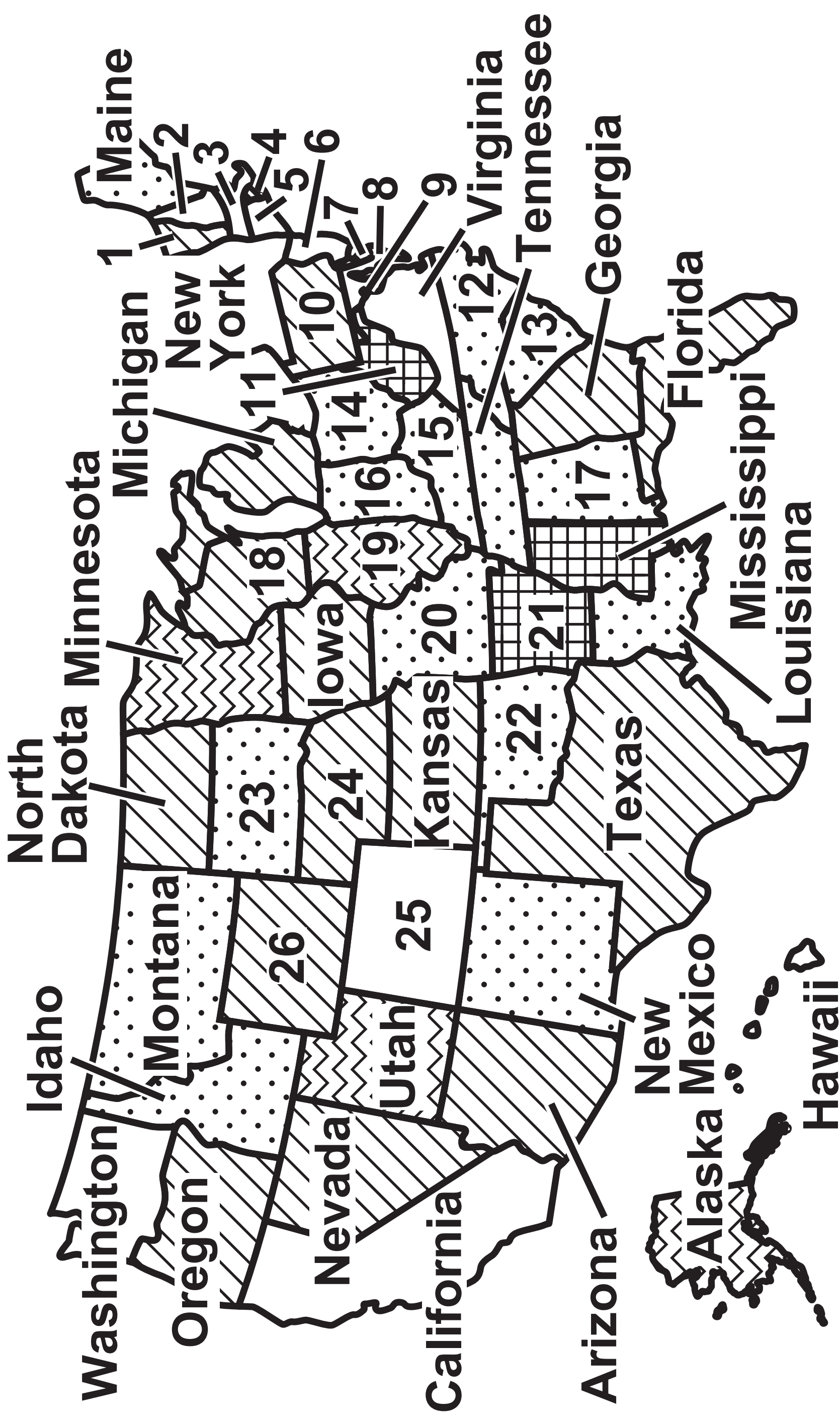
**KEY:**  **< 70**       **70–80**     **80–90**  
 **90–100**     **≥ 100**

- |                                    |                         |
|------------------------------------|-------------------------|
| <b>1. Vermont</b>                  | <b>14. Ohio</b>         |
| <b>2. New Hampshire</b>            | <b>15. Kentucky</b>     |
| <b>3. Massachusetts</b>            | <b>16. Indiana</b>      |
| <b>4. Rhode Island</b>             | <b>17. Alabama</b>      |
| <b>5. Connecticut</b>              | <b>18. Wisconsin</b>    |
| <b>6. New Jersey</b>               | <b>19. Illinois</b>     |
| <b>7. Delaware</b>                 | <b>20. Missouri</b>     |
| <b>8. Maryland</b>                 | <b>21. Arkansas</b>     |
| <b>9. District of<br/>Columbia</b> | <b>22. Oklahoma</b>     |
| <b>10. Pennsylvania</b>            | <b>23. South Dakota</b> |
| <b>11. West Virginia</b>           | <b>24. Nebraska</b>     |
| <b>12. North Carolina</b>          | <b>25. Colorado</b>     |
| <b>13. South Carolina</b>          | <b>26. Wyoming</b>      |

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Question 10(b) and 10(c) continued.

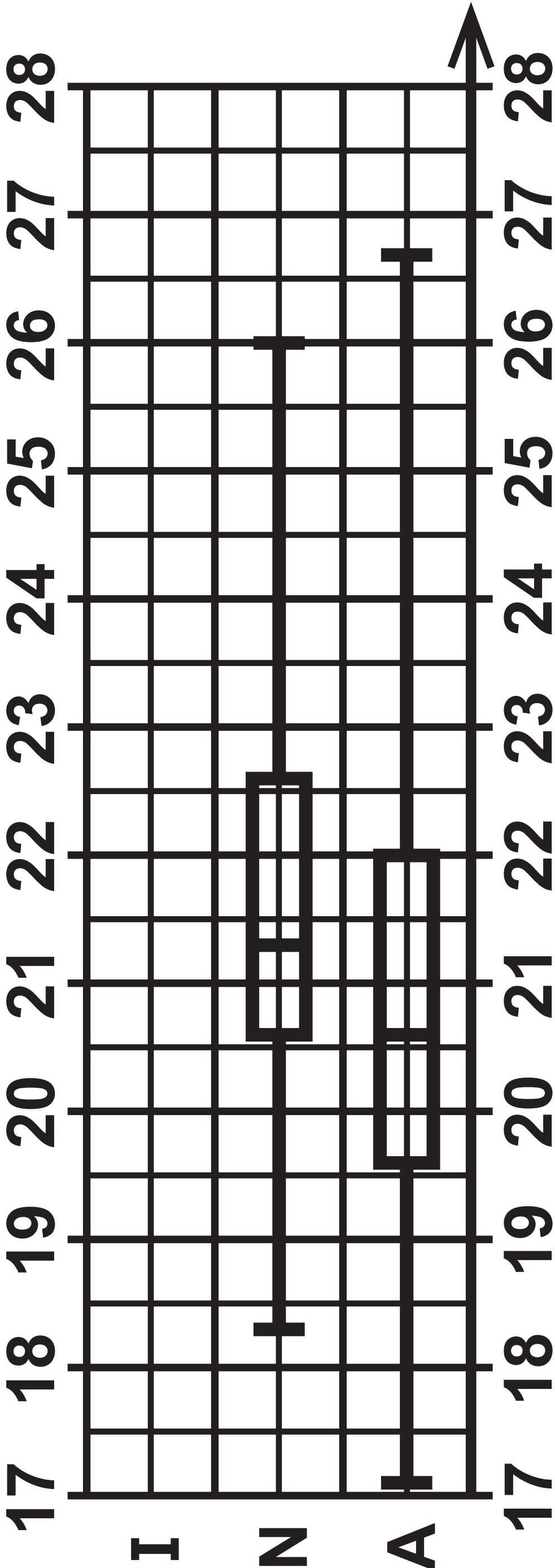


Question 11(a), 11(b) and 11(c)

**KEY: I International level**

**N National level**

**A Amateur level**



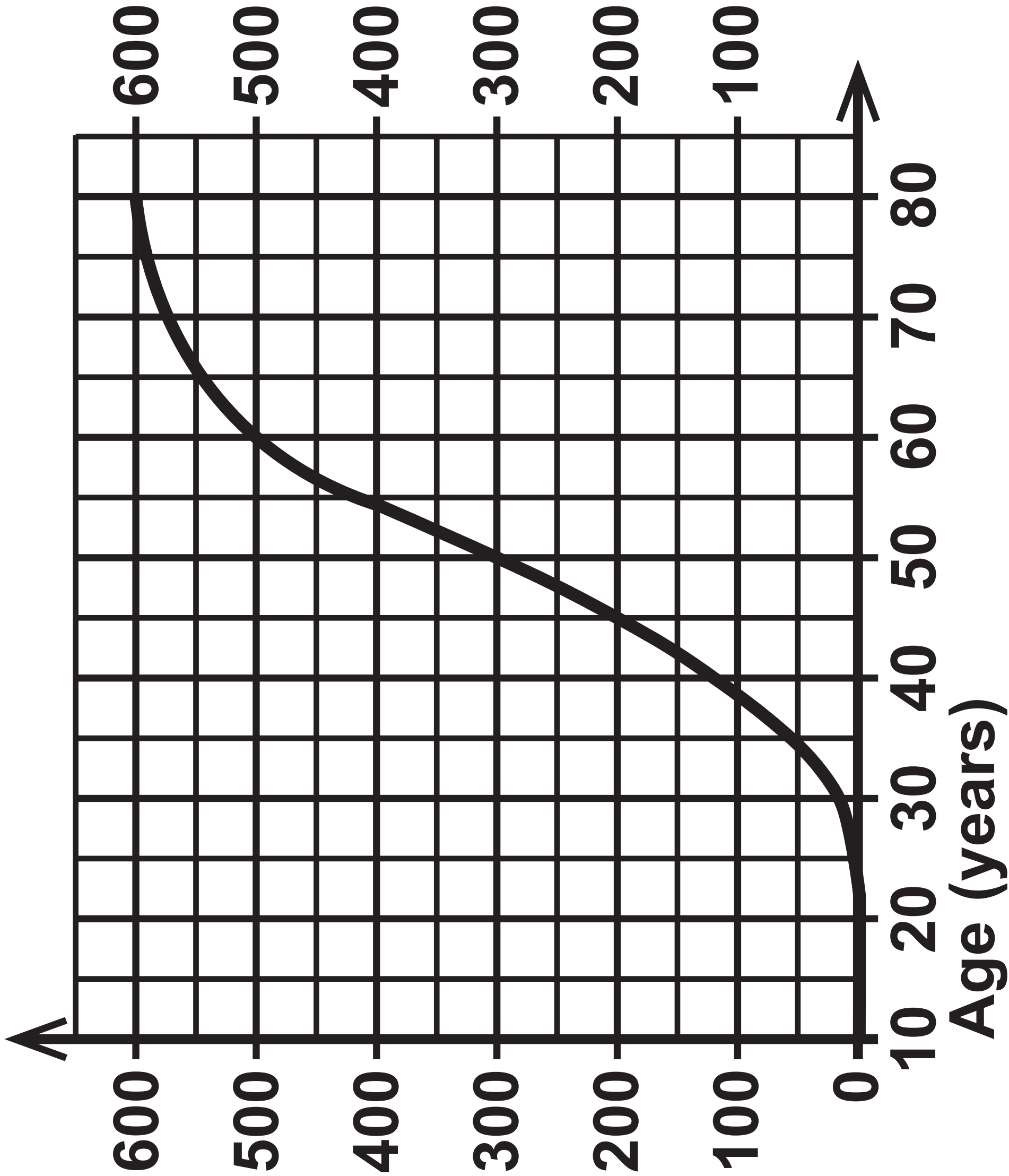
## Question 11(d)

<b>Hand span (cm)</b>	<b>Number of pianists</b>
<b>A (less than 19)</b>	<b>24</b>
<b>B (<math>19 \leq \text{span} &lt; 22</math>)</b>	<b>65</b>
<b>C (<math>22 \leq \text{span} &lt; 24</math>)</b>	<b>57</b>
<b>D (24 or more)</b>	<b>14</b>

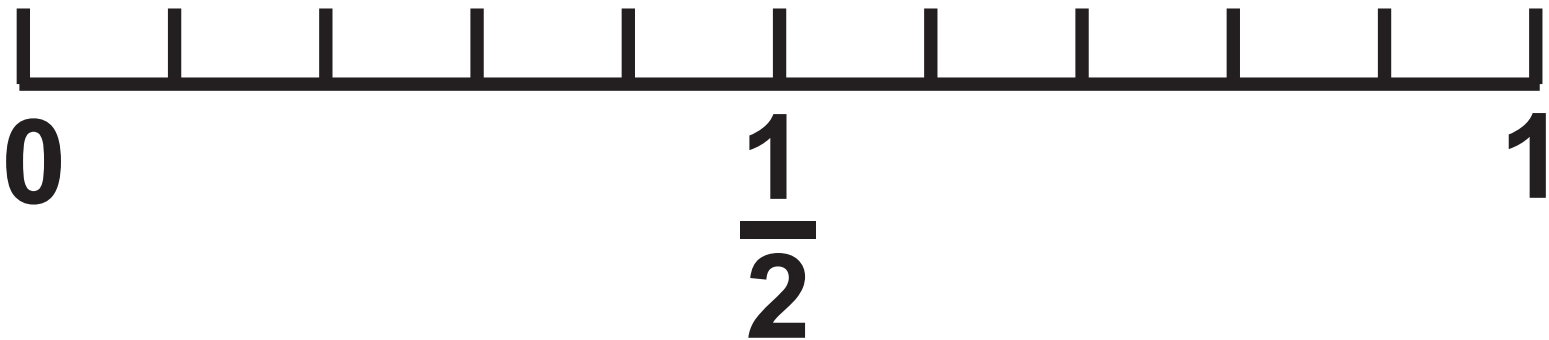
Question 12

	Passed	Failed	Total
Course A	35	15	50
Course B	48	32	80

Cumulative frequency

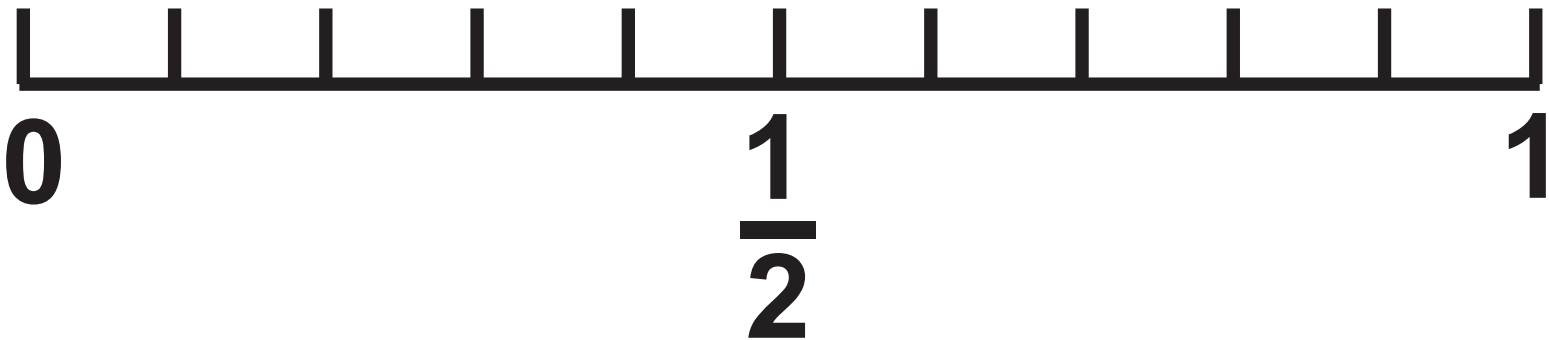


Question 1(c)





Question 1(d)



Question 3(a)

Number of Olympic medals won	Tally	Frequency
0		
1		
2		
3		

(continued on the next page)

Question 3(a) continued.

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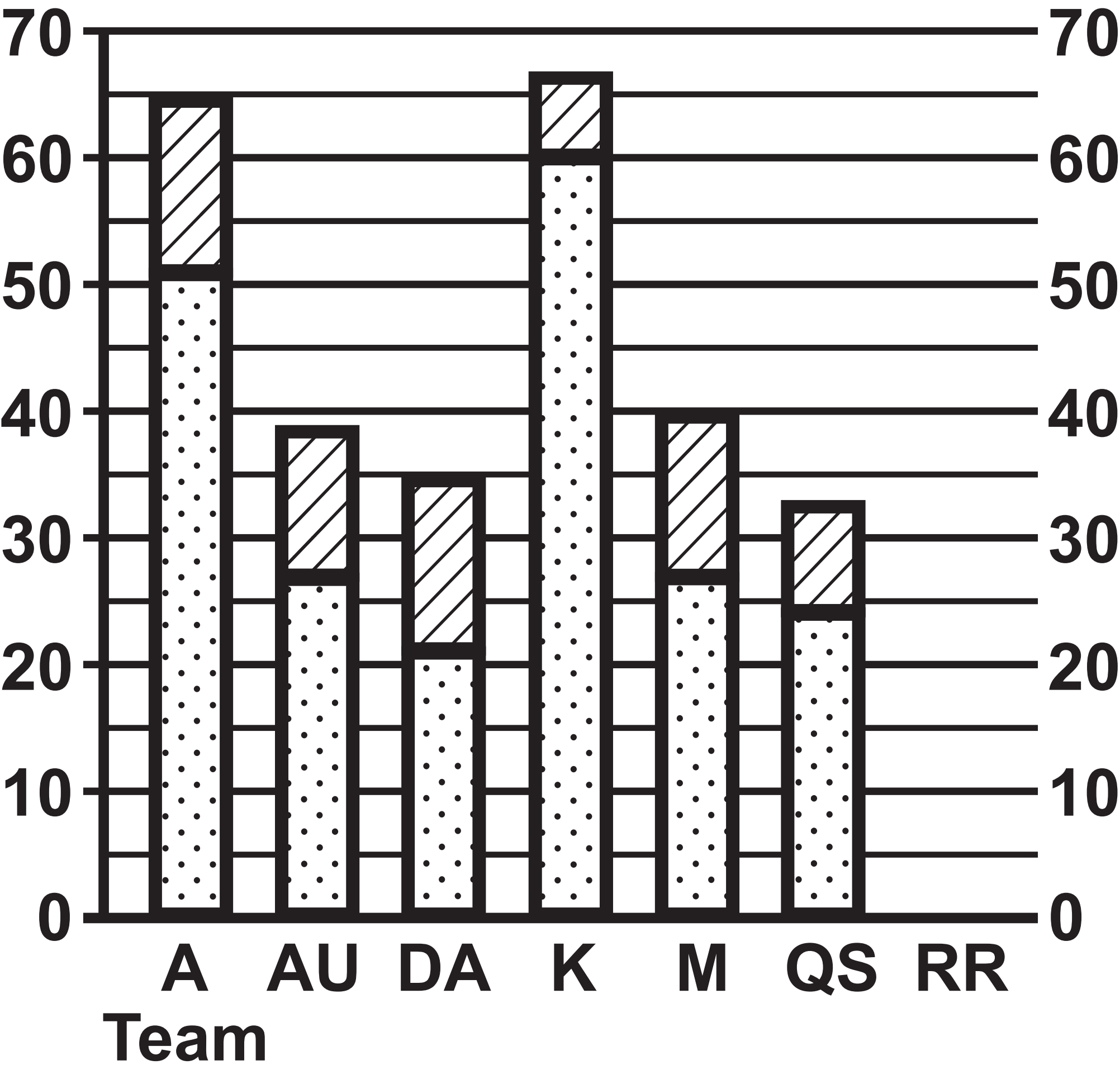
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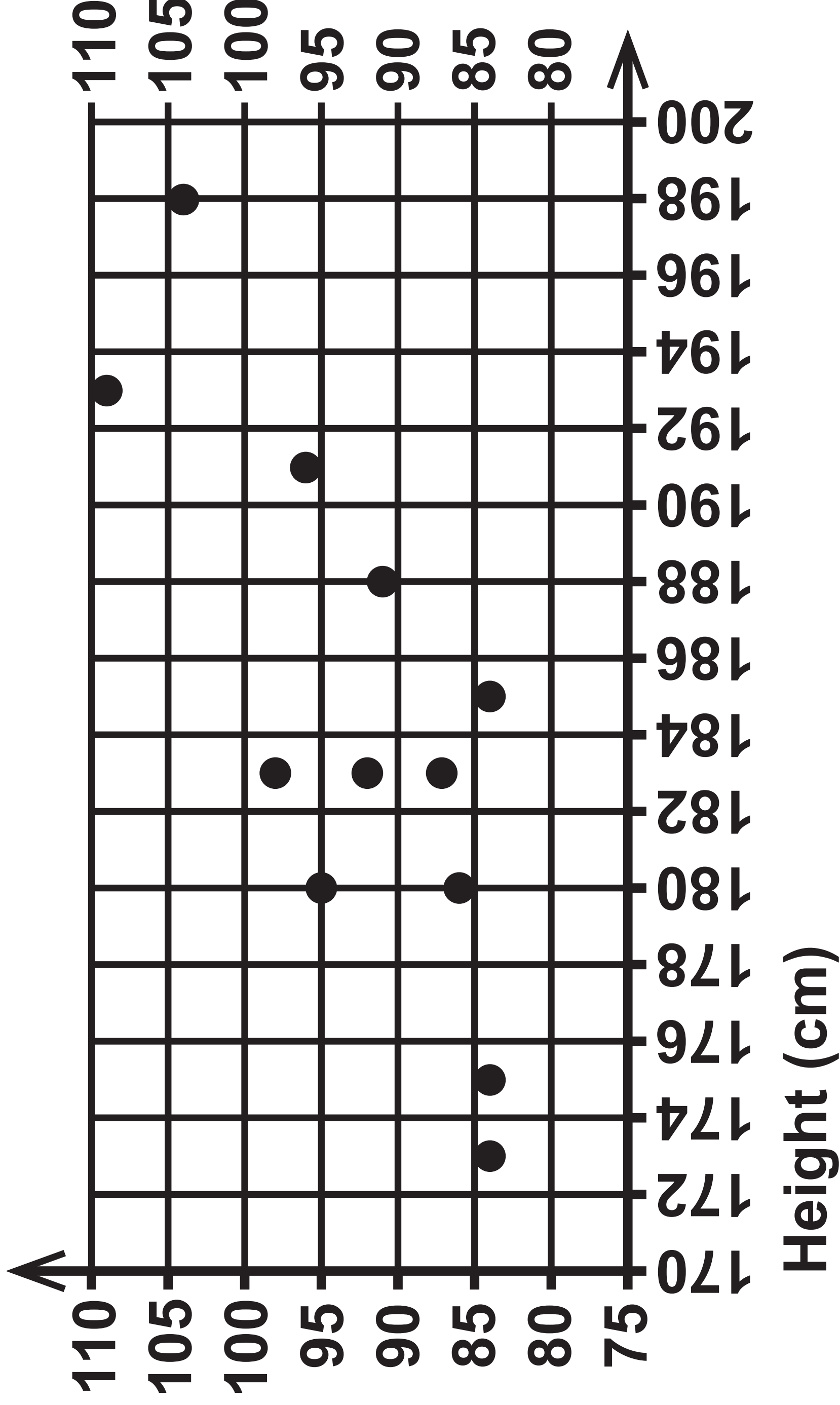
Question 6 continued.

Points



Question 8(a), 8(b), 8(c) and 8(d)

Weight (kg)

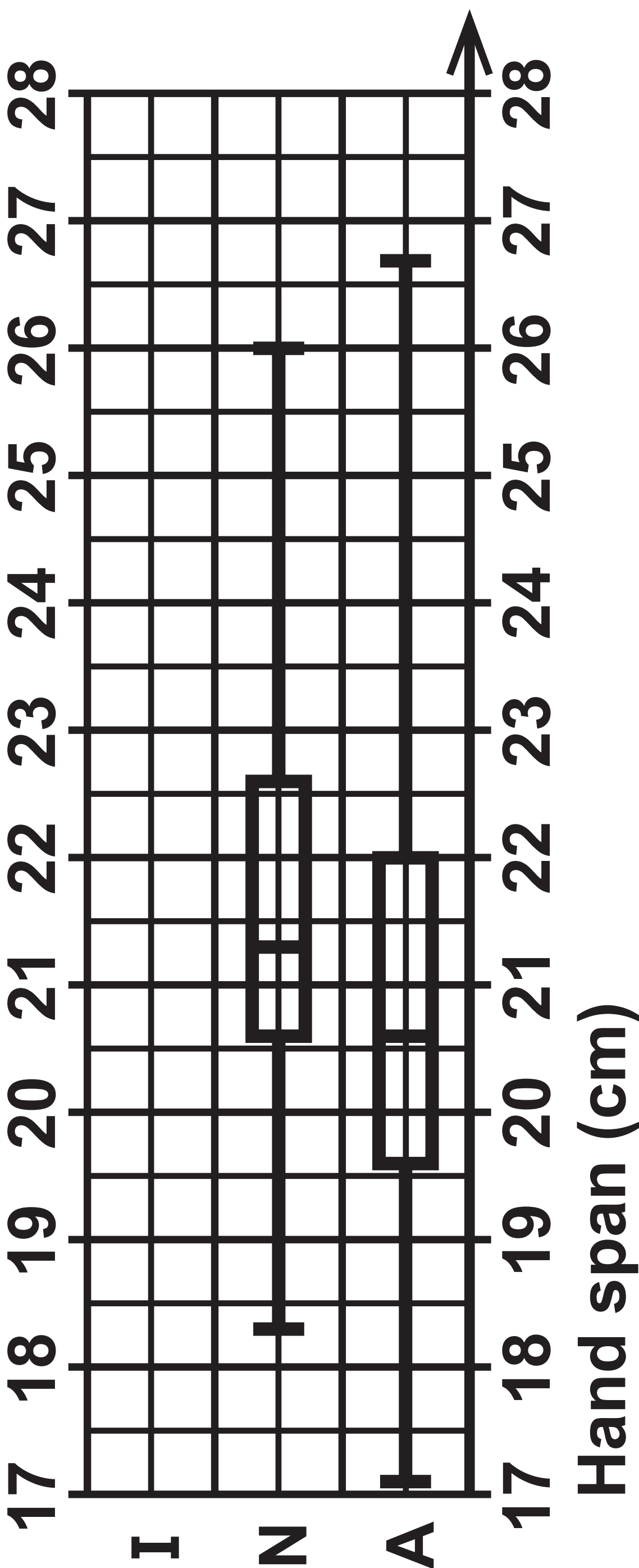


Question 11(a), 11(b) and 11(c)

**KEY: I International level**

**N National level**

**A Amateur level**



# Sources

## Question 6

(Source adapted from: [www.skysports.com](http://www.skysports.com))

## Question 8(a), 8(b), 8(c) and 8(d)

(Source adapted from: [www.wru.wales/](http://www.wru.wales/))

## Question 8(f) and 8(g)

(Source adapted from: [www.englandrugby.com](http://www.englandrugby.com))

## Question 10(b) and 10(c)

(Source adapted from: [worldpopulationreview.com](http://worldpopulationreview.com))

## Question 11(a), 11(b) and 11(c)

(Source adapted from: [www.appca.com.au](http://www.appca.com.au))

## Question 13

(Source adapted from: [commonslibrary.parliament.uk](http://commonslibrary.parliament.uk))