1. Question | 0607 Feb-March 2025 P2 V2 Q4

4 9 15 12 8 13 14

Find the range of these numbers.

..... [1]

2. Question | 0607 May-June 2025 P2 V1 Q8

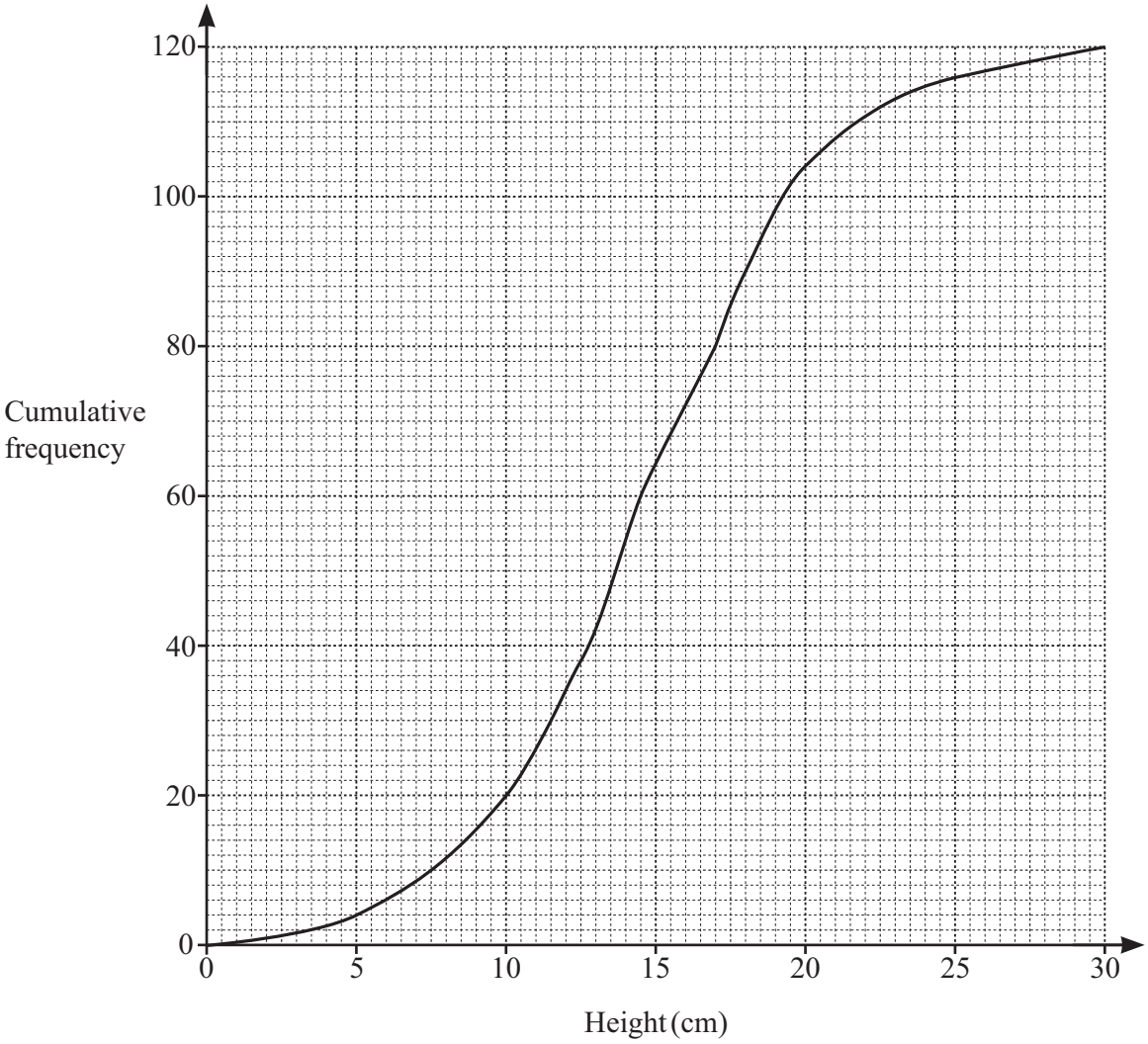
8 The mean of 9 numbers is 8.
When an extra number is included, the mean is 7.7 .

Find the extra number.

..... [2]

3. Question | 0607 May-June 2025 P2 V1 Q17

17 The cumulative frequency diagram shows the heights of 120 plants.



Use the cumulative frequency diagram to estimate

(a) the interquartile range

..... cm [2]

(b) the number of plants greater than 20 cm in height.

..... [2]

4. Question | 0607 May-June 2025 P2 V2 Q7

7 At a school, 50 students are asked their favourite car colour.
The table shows the results.

Colour	Red	Blue	White	Silver	Black
Frequency	7	x	15	16	x

(a) Find the value of x.

$x =$ ..... [2]

(b) Find the relative frequency of red.

..... [1]

5. Question | 0607 May-June 2025 P2 V2 Q9

9 The table shows the marks scored by each of 60 students in a science test.

Mark	0	1	2	3	4	5	6	7	8	9	10
Frequency	2	14	5	3	7	6	5	1	7	2	8

(a) Write down the mode.

..... [1]

(b) Find the interquartile range.

..... [2]

6. Question | 0607 Oct-Nov 2025 P2 V2 Q5

5 The table shows the favourite sports of 40 students.

Sport	Football	Netball	Running	Swimming	Tennis
Frequency	8	5	11	10	6

(a) Write down the modal sport.

..... [1]

(b) Find the relative frequency of football.

..... [1]

(c) The information in the table is to be shown on a pie chart.

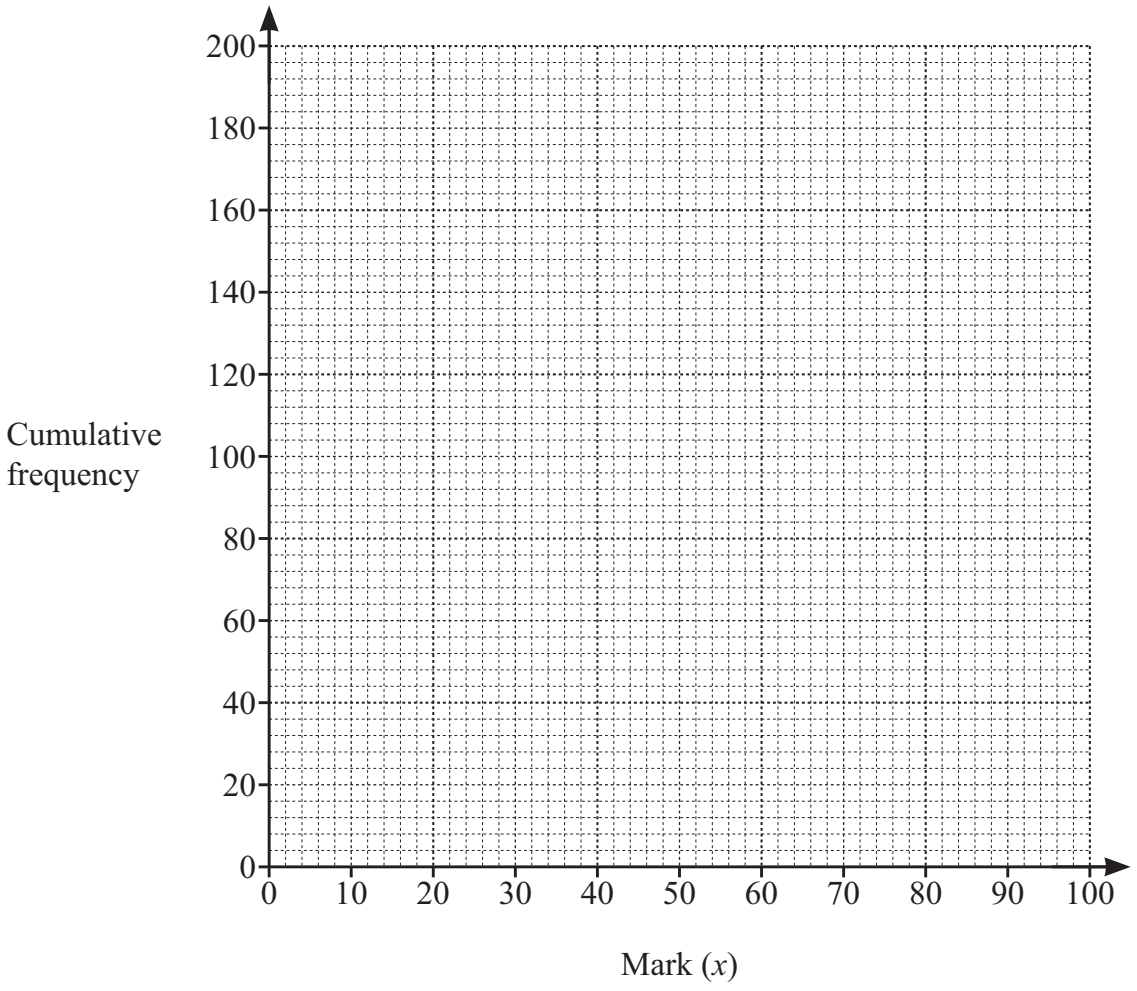
Find the sector angle for tennis.

..... [2]

12 The cumulative frequency table shows the marks, x, of 200 students in a mathematics exam.

Mark (x)	Cumulative Frequency
$x \leqslant 20$	22
$x \leqslant 30$	40
$x \leqslant 40$	64
$x \leqslant 50$	110
$x \leqslant 60$	144
$x \leqslant 80$	172
$x \leqslant 100$	200

(a) On the grid, draw a cumulative frequency diagram to represent the data.



[3]

7. Question part 2/2 | 0607 Oct-Nov 2025 P2 V2 Q12

(b) Use your graph in **part (a)** to find an estimate for the interquartile range.

..... [2]

(c) 14% of students are graded A.

Find the minimum mark for a student to be graded A.

..... [2]

8. Question | 0607 Feb-March 2026 P2 V2 Q1

1 The table shows the numbers of letters delivered to each of 90 houses one day.

number of letters	0	1	2	3	4	5	6
frequency	27	23	15	10	8	n	3

(a) Find the value of n.

$n =$ ..... [1]

(b) Find the range.

..... [1]

(c) Find the mode.

..... [1]

(d) Find the median.

..... [1]

(e) One of the 90 houses is selected at random.

Find the probability that the house had more than 4 letters delivered.

..... [1]

9. Question | 0607 May-June 2026 P2 V3 Q5

5 This is a list of numbers.

22 18 19 24 16 21 16 12

(a) Write down the mode.

..... [1]

(b) Find the median.

..... [2]