

# M4 = 2 days to go!

- 6 (a) A circular garden has a radius of 7 metres.

Calculate the area of the garden.

Answer \_\_\_\_\_ [3]

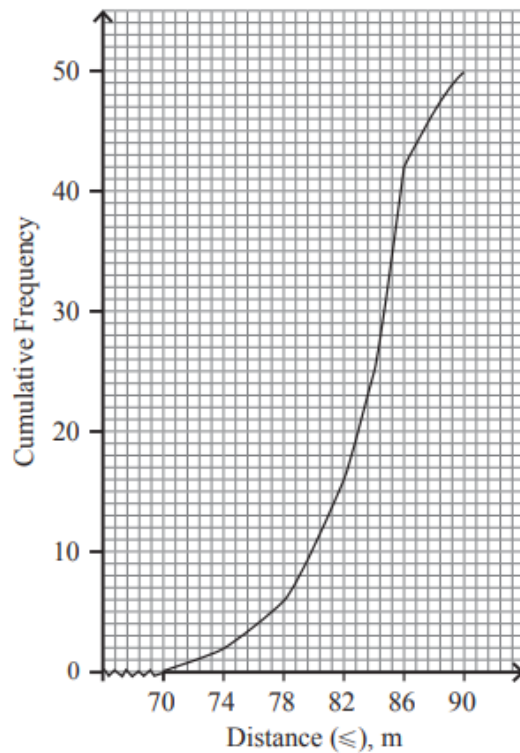
- (b) The perimeter of a different garden is 64 metres, measured to the nearest metre.

Write down the greatest and least value of the perimeter.

Answer greatest \_\_\_\_\_ m

least \_\_\_\_\_ m [2]

- 18 The cumulative frequency graph shows the distances thrown by 50 competitors in a javelin competition.



- (a) Use the graph to estimate the median distance thrown.

Answer \_\_\_\_\_ m [1]

- (b) Use the graph to complete the two tables below.

(i)

Distance (less than or equal to), m	Cumulative Frequency
70	0
74	2
78	6
82	
86	
90	

[1]

(ii)

Distance $d$ (m)	Frequency
$66 < d \leq 70$	0
$70 < d \leq 74$	2
$74 < d \leq 78$	4
$78 < d \leq 82$	
$82 < d \leq 86$	
$86 < d \leq 90$	

[2]