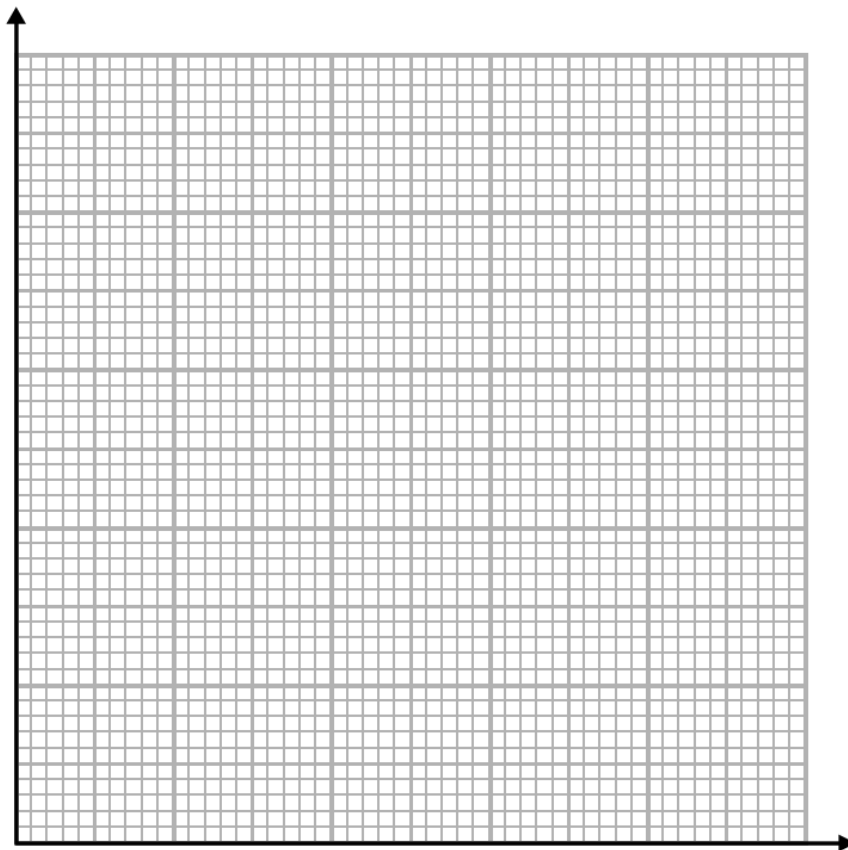


- 1 The table shows information about the age of 80 teachers.

Age (years)	Frequency
$20 < a \leq 30$	20
$30 < a \leq 35$	22
$35 < a \leq 40$	16
$40 < a \leq 50$	13
$50 < a \leq 65$	9

On the grid, draw a histogram for the information in the table.

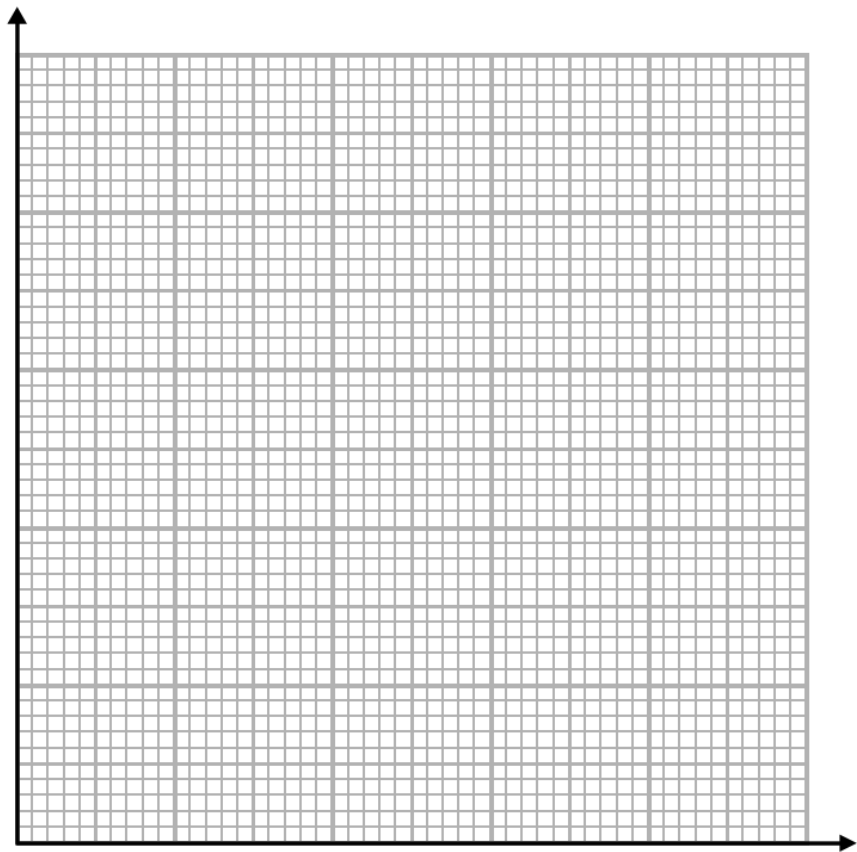


(Total for question 1 is 3 marks)

2 The table shows information about the speed, in mph, of some cars.

Speed (mph)	Frequency
$40 < s \leq 55$	6
$55 < s \leq 60$	10
$60 < s \leq 65$	46
$65 < s \leq 75$	48
$75 < s \leq 90$	6

(a) On the grid, draw a histogram for the information in the table.



(3)

(b) Work out an estimate for the number of cars over 70mph.

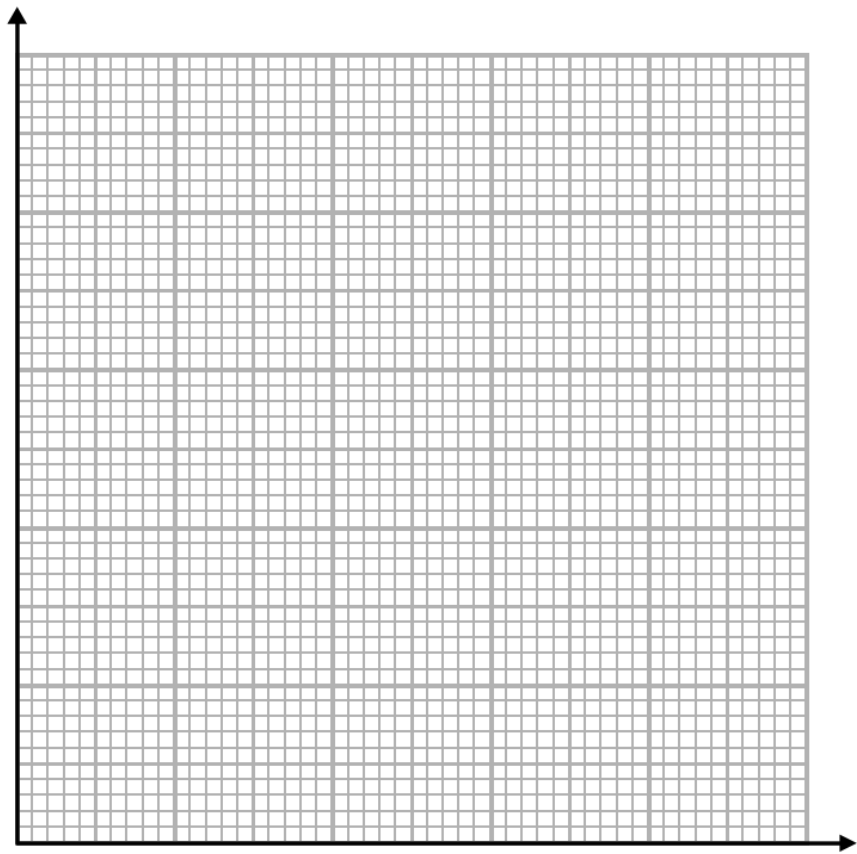
(1)

(Total for question 2 is 4 marks)

3 The table shows information about the weight of 60 pigs.

Weight (kg)	Frequency
$60 < w \leq 75$	9
$75 < w \leq 85$	16
$85 < w \leq 90$	25
$90 < w \leq 110$	10

(a) On the grid, draw a histogram for the information in the table.



(3)

(b) Find an estimate for the median.

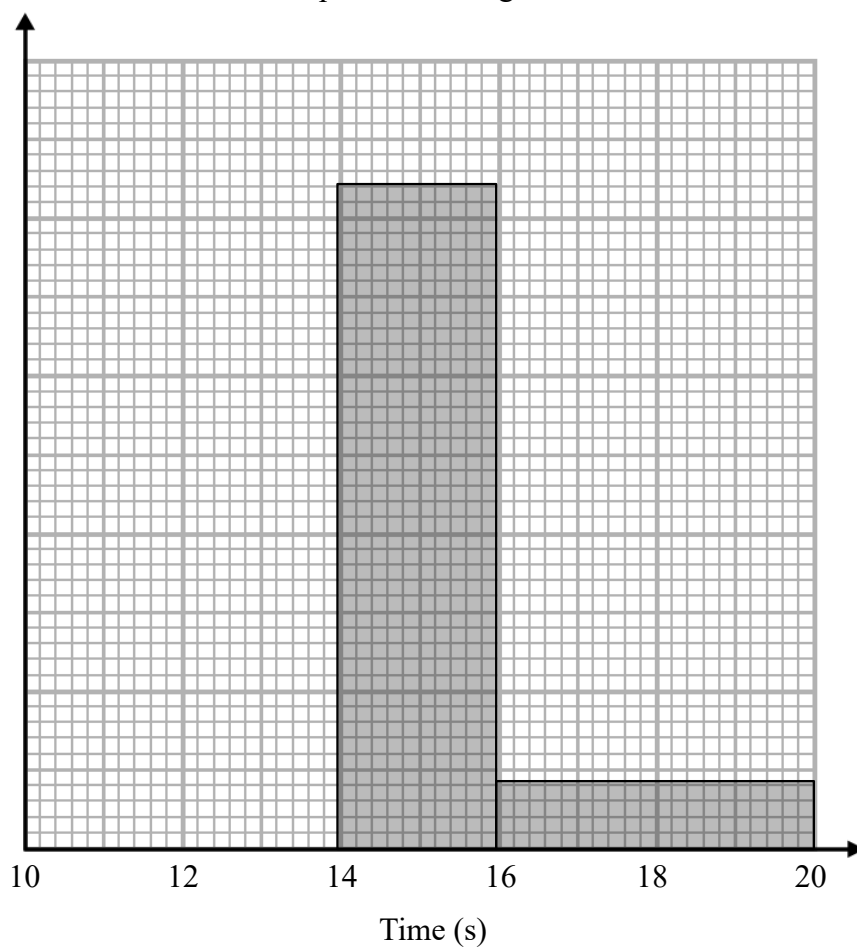
.....kg
(2)

(Total for question 3 is 5 marks)

- 4 The table shows information about the time, in seconds, taken for some people to run a 100m race.

Time (s)	Frequency
$10 < t \leq 12$	6
$12 < t \leq 13$	21
$13 < t \leq 14$	23
$14 < t \leq 16$	
$16 < t \leq 20$	8

- (a) Use the information on the table to complete the histogram.



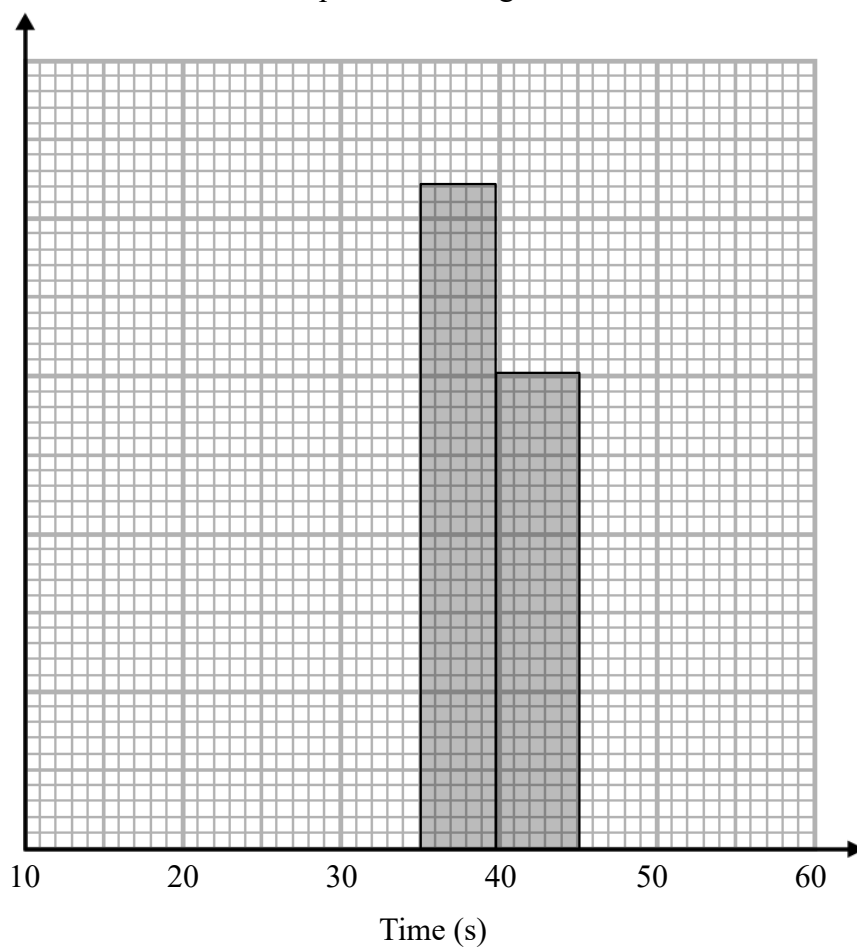
- (b) Use the histogram to complete the table.

(Total for question 4 is 4 marks)

- 5 The table shows information about the time, in seconds, taken for some people to complete a puzzle.

Time (s)	Frequency
$10 < t \leq 25$	12
$25 < t \leq 35$	28
$35 < t \leq 40$	42
$40 < t \leq 45$	
$45 < t \leq 60$	9

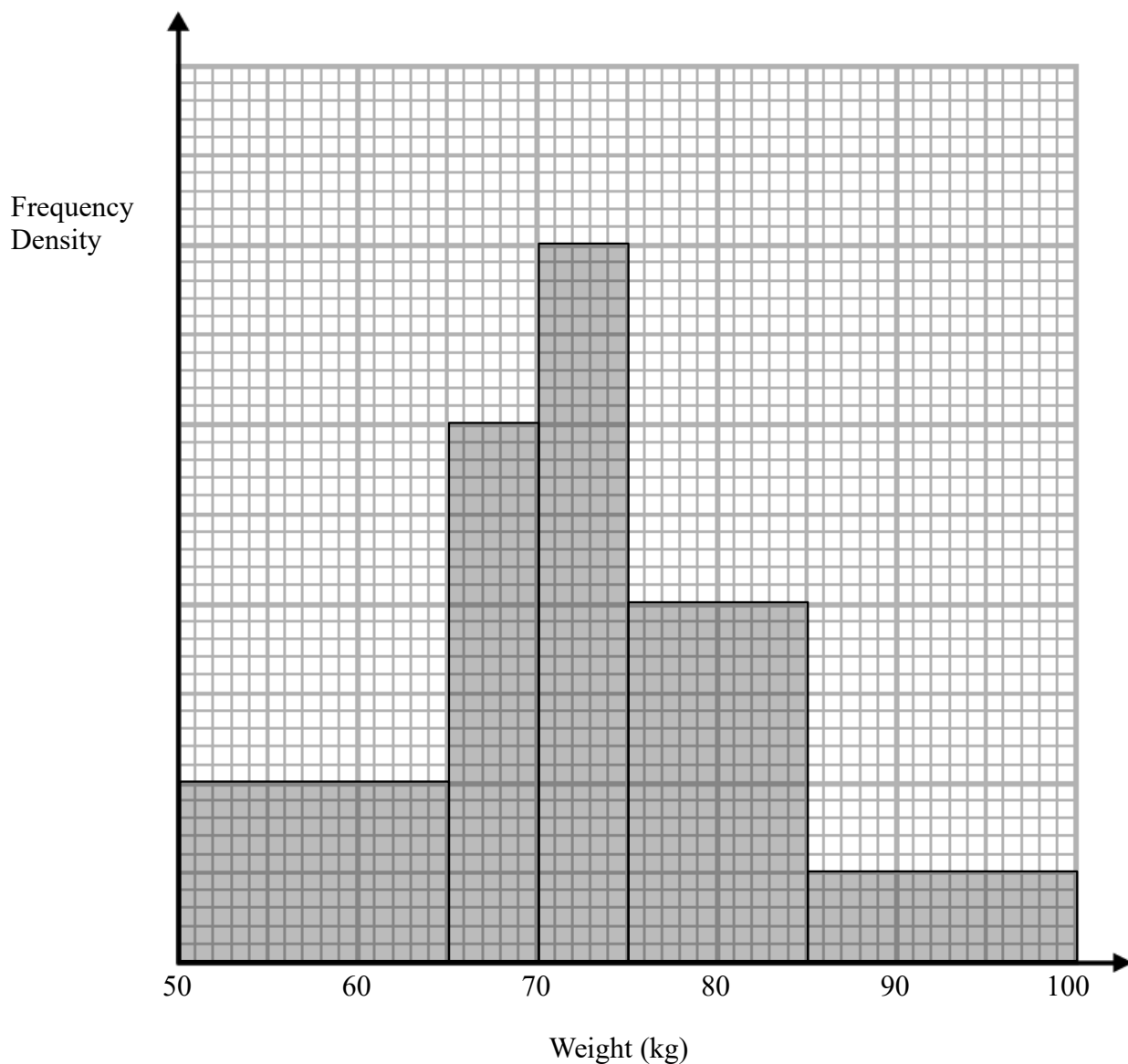
- (a) Use the information on the table to complete the histogram.



- (b) Use the histogram to complete the table.

(Total for question 5 is 4 marks)

6 The histogram shows information about the weight of pigs.



30 pigs weigh between 50 and 65 kg.

(a) Work out an estimate for the number of pigs which weigh more than 80kg.

.....

(b) Explain why your answer to part a is only an estimate.

(3)

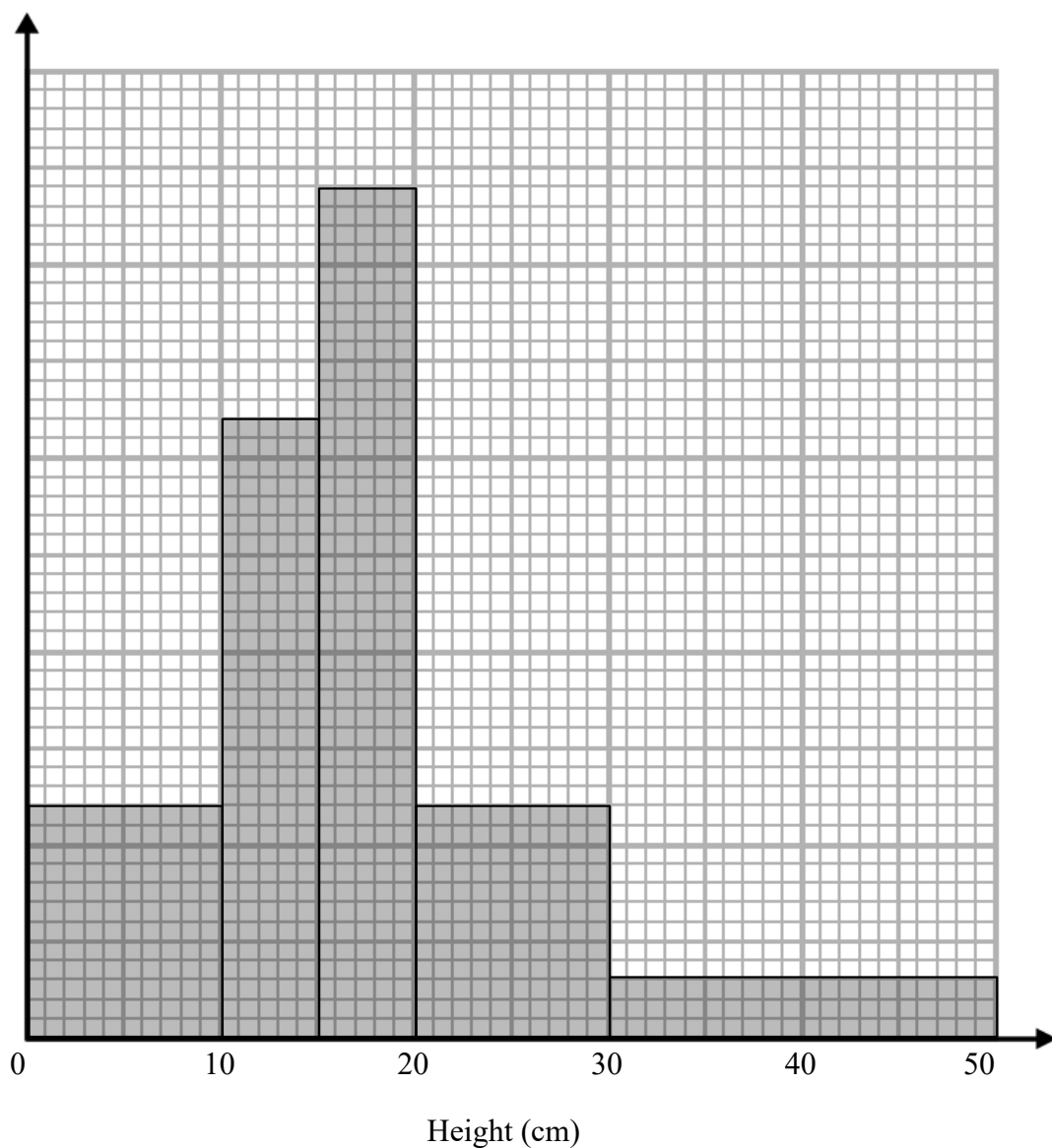
.....

.....

(1)

(Total for question 6 is 4 marks)

7 The histogram shows information about the height of some plants.



(a) Work out an estimate for the proportion of plants over 25cm tall.

(b) Explain why your answer to part a is only an estimate.

.....
(3)

.....
.....
(1)

(Total for question 7 is 4 marks)