

Maths

Find frequency from a histogram

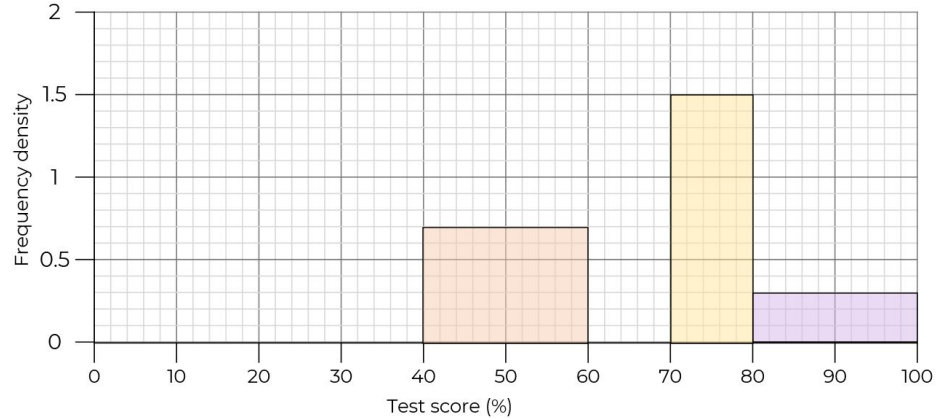
Miss Parnham



Find frequency from a histogram

1. Complete the table and histogram.

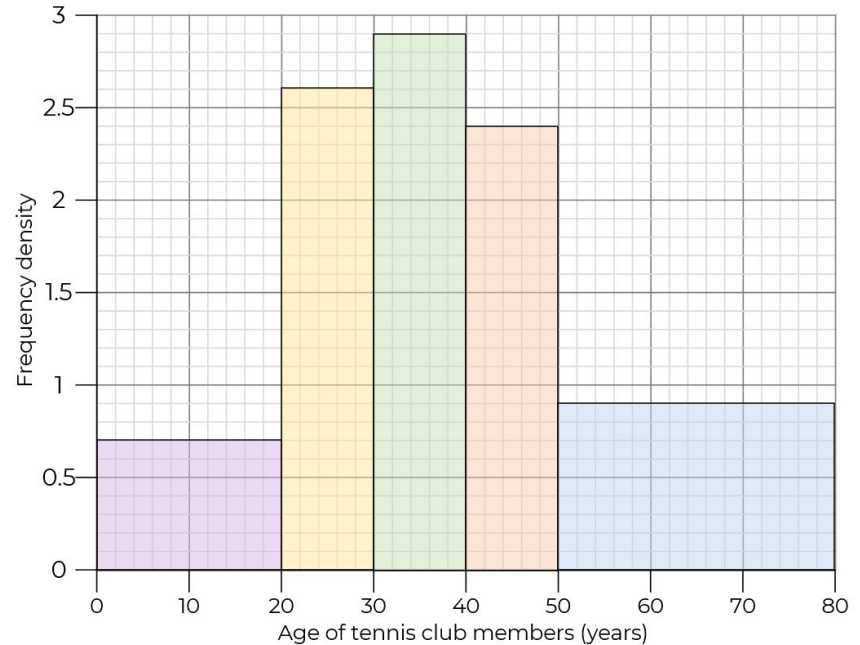
Test score (%)	Frequency	Class width	Frequency density
$0 < s \leq 40$	8		
$40 < s \leq 60$			
$60 < s \leq 70$	17		
$70 < s \leq 80$			
$80 < s \leq 100$			



Find frequency from a histogram

2. Complete the table using the histogram.

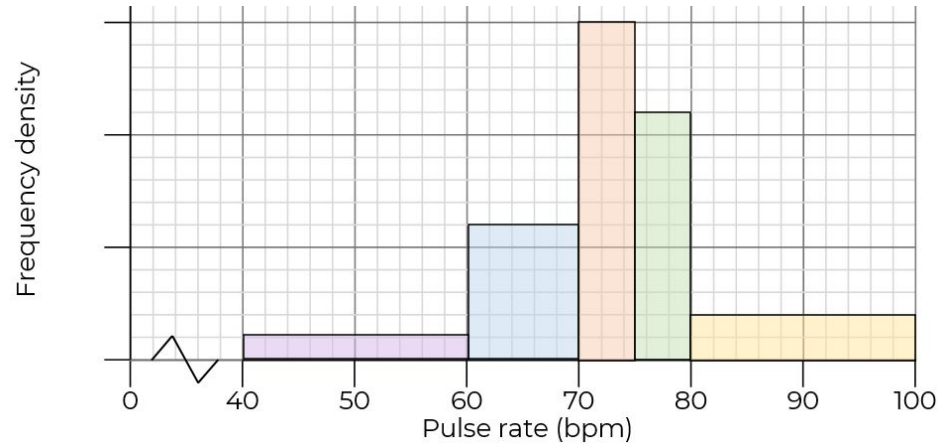
Age (years)	Frequency	Class width	Frequency density
$0 < a \leq 20$			
$20 < a \leq 30$			
$30 < a \leq 40$			
$40 < a \leq 50$			
$50 < a \leq 80$			



Find frequency from a histogram

3. Complete the table and the scale on the vertical axis.

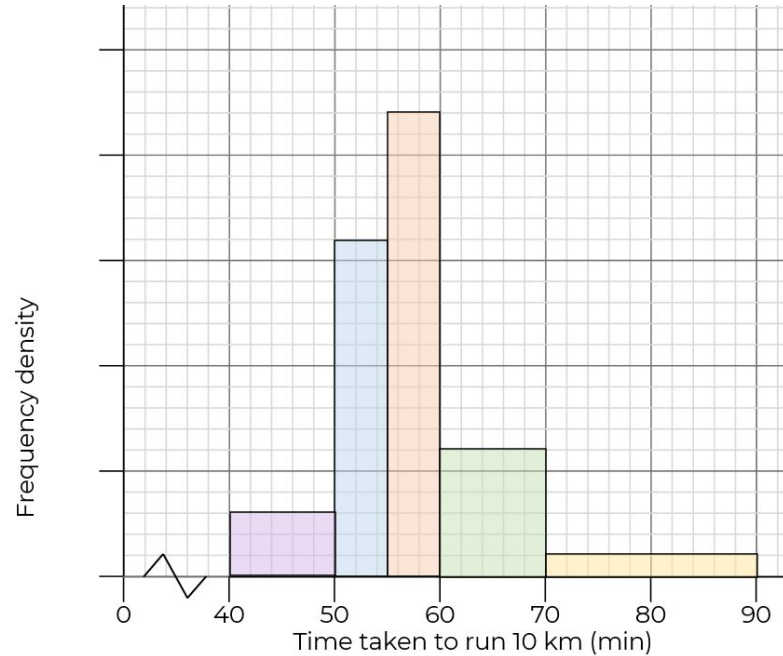
Pulse rate (bpm)	Frequency	Class width	Frequency density
$40 < r \leq 60$	4		
$60 < r \leq 70$	12		
$70 < r \leq 75$	15		
$75 < r \leq 80$			
$80 < r \leq 100$			



Find frequency from a histogram

4. Complete the table and the scale on the vertical axis.

Time (min)	Frequency	Class width	Frequency density
$40 < t \leq 50$			
$50 < t \leq 55$			
$55 < t \leq 60$			
$60 < t \leq 70$	6		
$70 < t \leq 90$			



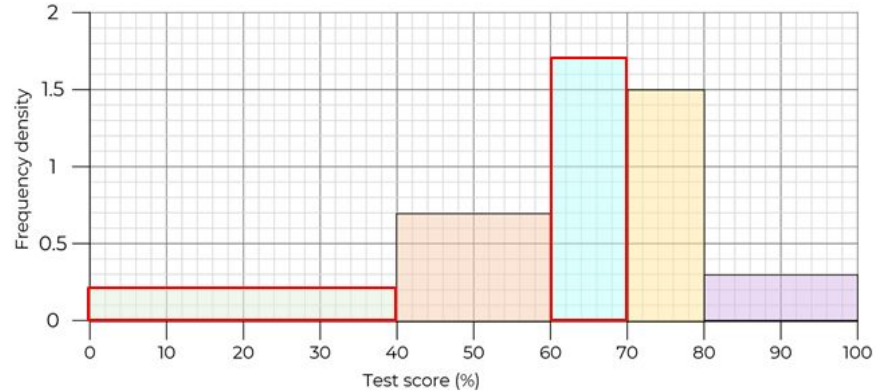
Answers



Find frequency from a histogram

1. Complete the table and histogram.

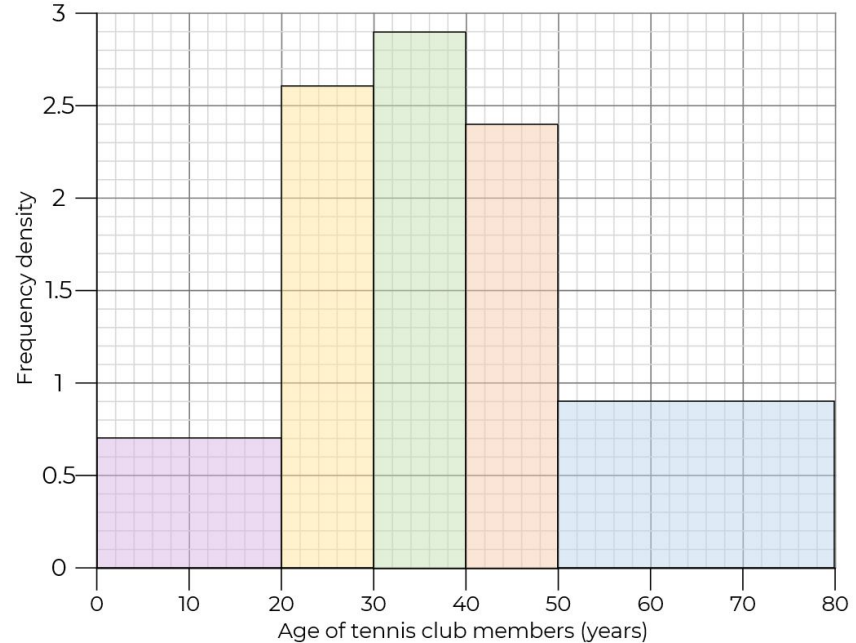
Test score (%)	Frequency	Class width	Frequency density
$0 < s \leq 40$	8	40	0.2
$40 < s \leq 60$	14	20	0.7
$60 < s \leq 70$	17	10	1.7
$70 < s \leq 80$	15	10	1.5
$80 < s \leq 100$	6	20	0.3



Find frequency from a histogram

2. Complete the table using the histogram.

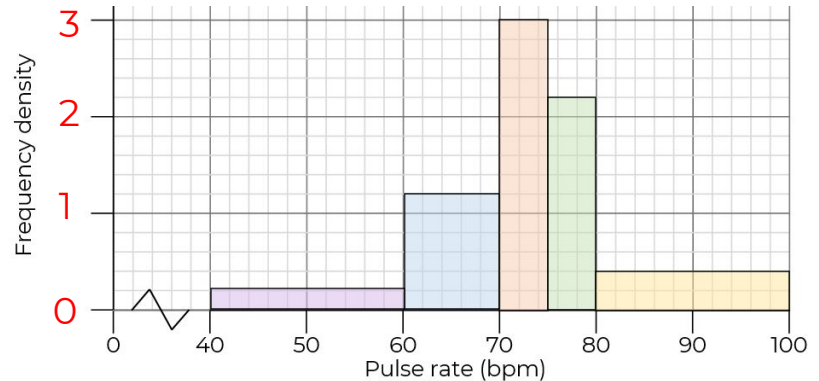
Age (years)	Frequency	Class width	Frequency density
$0 < a \leq 20$	14	20	0.7
$20 < a \leq 30$	26	10	2.6
$30 < a \leq 40$	29	10	2.9
$40 < a \leq 50$	24	10	2.4
$50 < a \leq 80$	27	30	0.9



Find frequency from a histogram

3. Complete the table and the scale on the vertical axis.

Pulse rate (bpm)	Frequency	Class width	Frequency density
$40 < r \leq 60$	4	20	0.2
$60 < r \leq 70$	12	10	1.2
$70 < r \leq 75$	15	5	3
$75 < r \leq 80$	11	5	2.2
$80 < r \leq 100$	8	20	0.4



Find frequency from a histogram

4. Complete the table and the scale on the vertical axis.

Time (min)	Frequency	Class width	Frequency density
$40 < t \leq 50$	3	10	0.3
$50 < t \leq 55$	8	5	1.6
$55 < t \leq 60$	11	5	2.2
$60 < t \leq 70$	6	10	0.6
$70 < t \leq 90$	2	20	0.1

