

a Describe the motion between points

i A and B

.....

[1 mark]

ii B and C.

.....

[1 mark]

b The total distance travelled by the particle between A and C is 29 m.

Find the value of speed v .

..... m/s

[2 marks]

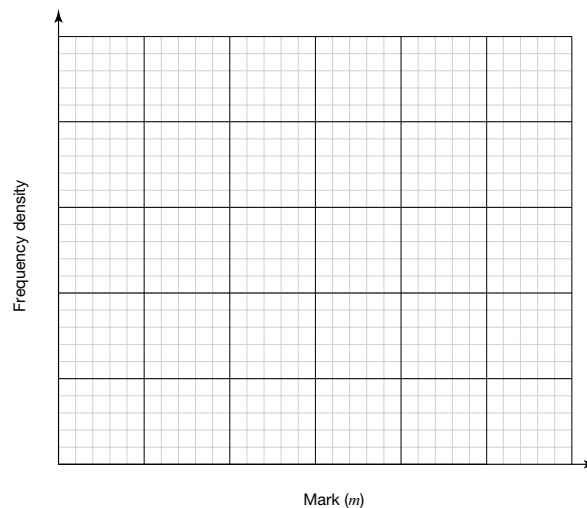
[Total: 4 marks]

22

The table shows the distribution of marks for 98 students in a physics test.

Mark (m)	Frequency
$0 < m \leq 20$	4
$20 < m \leq 30$	16
$30 < m \leq 40$	14
$40 < m \leq 60$	30
$60 < m \leq 80$	20
$80 < m \leq 120$	14

a On the grid, draw the histogram to illustrate the data in the table.



[3 marks]