3 Arup collects information about the time delay, in minutes, of some trains. He is going to draw a pie chart for his results.

The incomplete table below gives some information about his results together with the size, in degrees, of the angle of each of three sectors in his pie chart.

Time delay (t minutes)	Frequency	Angle (in degrees)
$1 < t \leqslant 5$	42	168
$5 < t \leqslant 10$		92
$10 < t \leqslant 20$	15	
$20 < t \leqslant 25$		
$25 < t \leqslant 40$	2	8

(a) Complete the table.

(2)

(b) Calculate an estimate, in minutes to 3 significant figures, for the mean time delay of these trains.

(4)

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(Total for Question 3 is 6 marks)