Mean

1) The table gives information about the weights of 25 potatoes.				2) Sethina recorded the times, in minutes, taken to repair 80 car tyres. Information about these times is shown in the table.			

Weight (grams)	f			Time (t mins)	Frequency		
50<x ≤ 70	5			0<x ≤ 6	15		
70<x ≤ 90	8			6<x ≤ 12	25		
90<x ≤ 110	10			12<x ≤ 18	20		
110<x ≤ 130	2			18<x ≤ 24	12		
				24<x ≤ 30	8		

Work out an estimate for the mean weight.

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Calculate an estimate for the mean time taken to repair each car tyre.

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3) The table gives some information about the lengths of time some boys took to run a race.				4) The examination scores of a group of students are summarised in the table.			

Time (t mins)	Frequency			Scores	Frequency		
				0≤x < 20	10		
40≤x < 50	16			20≤x < 40	18		
50≤x < 55	18			40≤x < 50	25		
55≤x < 65	32			50≤x < 60	20		
65≤x < 80	30			60≤x < 80	16		
80≤x < 100	24			80≤x < 100	2		

Calculate an estimate for the mean time to finish the race.

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Calculate an estimate mean mark of the students.

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5) The table shows some information about the weights of some packets of crisps.

Weight (w grams)	Frequency
20 < w ≤ 25	4
25 < w ≤ 35	12
35 < w ≤ 45	14
45 < w ≤ 50	8
50 < w ≤ 70	6

Calculate an estimate mean weight of the crisps.   _____