body mass				men	women
men	women		aritmet. mean		
82	57		max		
87	62		min		
93	58		modus		
74	71		median		
68	49		variance		
81	56		sample variance		
80	60		stand. deviation. pop.		
67	53		st. dev. sample		
104	71				
69	64				
75	58				
71	49		0.75 percentil		
81	68		0.50 percentil		
96	61		0.25 percentil		
89	54				
79	57				
109	60				
87	47				
63	58				
75	61				
77	67				
64	54				
59	47				
81	64				
70	76				
69	63				
86	67				
80	52				
81					
91					

A new kind of insulin was tested
8 patients were given different amount of it and measured the sugar level decrease in blood:

amount of insulin (ug)	150	200	250	300	350	400
decrease in sugar level (%)	8	12	30	20	55	58

450	500
44	65

Numerickou integrací zjistěte plochu pod přímkou, která prochází bodem [0,1] a [5,3]
tj. plochu mezi touto přímkou a osou x na intervalu <1,5>