

Weight Cim Items			0	1	2	3	4	5	6	7	8	
0	Weight	PRV	0	0	0	0	0	0	0	0	0	←3
Gold	1	3	0	3	3	3	3	3	3	3	3	←3
Silver	4	3	0	3	3	3	3	6	6	6	6	←7
Diamond	2	4	0	3	4	7	7	7	7	7	7	←12
Ruby	3	5	0	3	4	7	8	9	12	12	12	

Ans user = Ruby + Diamond + Gold = 5 + 4 + 3 = 12 (in thousand)