

# Problem B: 3D Placement with Macros

## Beta Test results

Rank	Case1	Case2_hidden	Case2	Case3_hidden	Case3	Case4_hidden	Case4
1	136.00	18859617.41	16490685.28	122139835.76	107818039.68	728504727.13	1141202581.85
2	156.00	21447015.80	16892904.15	129050296.38	110991827.92	783292996.27	1290641453.99
3	158.00	25065075	17939668.00	138227129.91	116999188.00	826388221.93	1329081959.74
4	159.91	28354861.97	19338462.01	139342543.12	120868512.92	895580725.26	1336834972.38
5	162.00	47299561.1	20552223.78	139633270.00	124261806.65	1118905234.99	1464609168.21
6	169.00	110252883.9	22974149.74	162775354.44	157684860.54	8823863519.64	1597184852.71
7	182.00	126986574	23890323.52	171211992.45	159196056.27	17728334078.81	1892776441.63
8	185.64	233602189.3	25809705.70	179168292.54	195956931.73	18101233042.45	1944502464.09
9	186.74	253469426.69	32882901.55	262194410.64	581718626.64	22525035174.00	14394427779.59
10	189.00		37220944.76	304475998.53	1512512114.48	25599740855.49	24464142005.53