

$$\alpha = 1 = \gamma$$

Mohsen Liaghat 610398163

February 1, 2023

state	N	S	E	W
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,0		2475858		
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,2		28832	33606	
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,3		36794	27839	12847
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,4		19527	19527	27840
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,5			19526	19528
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,6		5431	11409	19527
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,7		5507	-1	12843
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,8		-1	-1	11409
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,9		5428		-1
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,0	120297	2475859	2475857	
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,1		2475858	43496	2475858
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,2	28831	33609	38255	43497
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,4	21738	22193		22195
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,6	5432	88	5507	
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,7	5508	-2	5506	5431
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,8	-1	5505	5428	5507
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,9	5427	5427		5429
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,1	38257		38255	2475859
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,2	38256	22196	33606	33610
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,3	36794		22193	33607
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,4	22194			13928
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,7	-1	-1	5428	88
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,8	5506	-1	-1	5427
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,9	5428	-2		-1
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),3,2	29188			
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),3,7	-2		0	
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),3,8	-1		-2	-1
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),3,9	-1	-2		-1
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),4,9	-1	-2		
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),4,3		-1		
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),4,0		0	0	
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,9	-2	-2		-1
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,8		-2	-2	-1
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,7		0	0	-1
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,6		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,5	0	-1	0	
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,3	-2	-1		
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,1	0	0		0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,0	0	0	0	
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,9	-1			-2
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,8	-1		-2	-1
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,7	0		0	-1
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,6	0		0	-1
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,5	0	-1	-1	-1
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,4		0	-1	-1
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,3	-1	0	-1	0

((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,2		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,1	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,0	0	0	0	
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,5	-1			0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,4	0		0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,3	0		0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,2	0		0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,0	0	0	0	
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),8,0	0	0		
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),8,6		0	0	
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),8,7			0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),8,8		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),8,9		0		0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,0	0		0	
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,1			0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,2			0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,3			0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,4			0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,5			0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,6	0			0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,9	0			0
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,0	2475858		2475858	
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,1	2475859		1080709	2475857
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,2	1087338	659477	1050175	965116
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,3	1055953		83249	659478
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,4	65999			103154
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,7	7532	7530	8984	14928
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,8	8985	7529	12543	9736
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,9	12544	12542		12542
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,0	459930	2475857	2475859	
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,1		2475858	2475860	2475858
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,2	344313	929238	2475861	948144
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,4	36186	57763		81188
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,6	14930	14928	12544	
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,7	7533	9736	12545	8987
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,8	14928	12542	12544	8986
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,9	12545	8983		12545
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,0		2475858		
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,2		353634	88685	
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,3		98946	38259	68556
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,4		51056	29191	38260
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,5			29190	38259
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,6		14929	14929	29191
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,7		12544	14928	14930
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,8		12545	14927	14929
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,9		12544		14928
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),3,2	687205			
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),3,7	7531		8981	
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),3,8	12542		8982	7530
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),3,9	12543	7527		7529
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),4,9	8982	7526		
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),4,3		-1		
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),4,0		0	0	
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,9	7527	4926		4926
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,8		922	4927	924
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,7		923	4926	923
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,6		922	924	922
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,5	1	-2	923	

((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,3	-1	-1		
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,1	0	0		0
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,0	0	0	0	
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,9	7526			922
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,8	-3		4926	923
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,7	924		-3	922
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,6	923		923	921
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,5	-1	-1	922	-2
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,4		-2	-2	-1
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,3	-1	-1	-1	0
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,2		0	0	0
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,1	0	0	0	0
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,0	0	0	0	
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,5	0			-1
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,4	-1		-1	-1
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,3	-1		0	0
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,2	0		0	1
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,0	0	0	0	
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),8,0	0	0		
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),8,6		0	0	
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),8,7			0	0
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),8,8		0	0	0
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),8,9		0		0
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,0	0		0	
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,1			0	0
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,2			0	0
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,3			0	0
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,4			0	0
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,5			0	0
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,6	0			0
((1, 3), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,9	0			0
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,3	38252	38252	33604	42651
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,4	38251	36790		36792
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,2	42650	43495	38253	42652
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,1		42653	42651	42653
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,0	29188	51053	29188	
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,6	29182	22187	29180	
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,7	29181	22284	21079	29181
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,8	22285	22283	21078	22285
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,9	21079	21077		22284
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,3	38253		36790	36790
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,4	36791			36791
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,2	33606	33606	36791	48421
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,1	36794		33607	51053
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,7	29180	12839	22283	21734
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,8	22284	22282	21077	22284
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,9	21078	21076		22283
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,3		38253	38251	36790
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,4		36791	38250	38252
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,2		42651	36791	
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,5			33174	38251
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,6		29181	29181	33175
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,0		29189		
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,7		29180	29180	29182
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,8		22284	29179	29181
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,9		22283		29180
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),3,2	36790			
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),3,7	22284		7439	

((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),3,8	22283		7438	22283
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),3,9	21077	12834		22282
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),4,9	14916	7436		
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),4,3		-1		
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),4,0		0	0	
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,9	7437	7435		2611
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,8		2610	2612	914
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,7		2609	915	913
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,6		2606	2608	912
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,5	0	-1	913	
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,3	-1	-1		
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,1	0	0		0
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,0	0	0	0	
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,9	7436			2610
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,8	2611		2611	2609
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,7	2608		2610	2608
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,6	2607		2609	911
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,5	-1	910	912	910
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,4		909	911	-1
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,3	-1	-1	910	-1
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((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,0	0	0	0	
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,5	911			-1
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,4	910		-2	-1
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,3	909		-1	0
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((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,0	0	0	0	
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),8,0	0	0		
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),8,6		0	0	
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),8,7			0	0
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((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,1			0	0
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((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,4			0	0
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((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,6	0			0
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,9	0			0
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,3	2475860	1985197	2475860	2475858
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,4	2475861	1973757		2475859
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,2	2475859	1779789	2475859	2475857
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,1		2475856	2475858	2475856
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,0	443443	2475855	2475857	
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,6	287408	2475865	515593	
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,7	434688	521454	163964	153531
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,8	163965	162711	159274	177398
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),1,9	153527	162710		163964
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,3	2475859		2475859	2475857
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,4	2475860			2475858
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,2	2475858	1111561	2475858	2475856
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,0	2475856		2475856	
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,1	2475857		2475857	2475855
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,7	153530	91349	159276	532256
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,8	120302	159275	159275	168494
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),2,9	162709	120301		162711

((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,3		2475859	2475861	2475859
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,4		2475858	2475862	2475860
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,2		2475858	2475860	
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,5			2475863	2475861
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,6		2475864	1299214	1625136
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,0		475118		
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,7		443451	163965	1299215
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,8		163964	153527	194626
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),0,9		153528		163965
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),3,2	1111562			
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),3,7	145687		120302	
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),3,8	159276		120301	120303
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),3,9	153527	70375		120302
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),4,9	91347	60949		
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),4,3		29184		
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),4,0		22286	-1	
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,9	60950	45499		45499
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,8		45498	45500	38257
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,7		38256	42655	38256
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,6		38255	38257	38255
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,5	7279	29187	38256	
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,3	29183	29185		
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,1	-2	29183		22286
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),5,0	-1	3860	29182	
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,9	45500			43497
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,8	45499		45499	43496
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,7	38257		43497	38255
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,6	38256		38256	38254
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,5	38255	38253	38255	38253
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,4		22290	38254	29185
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,3	29184	29184	38253	29184
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,2		29183	29185	29183
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,1	29182	2302	29184	22287
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),6,0	22286	2619	22288	
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,5	38254			38252
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,4	29186		38253	29184
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,3	29185		29185	22288
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,2	29184		29184	2302
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),7,0	3860	-1	126	
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),8,0	2619	0		
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((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),8,7			0	0
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),8,8		0	0	0
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),8,9		0		0
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((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,1			0	0
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,2			0	0
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,3			0	0
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,4			0	0
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,5			0	0
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,6	0			0
((2, 6), (4, 1), (4, 5), (7, 1), (9, 8)),9,9	0			0
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),2,6	6175		6173	
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),2,7	6174	6172	6172	6174
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),2,8	6173	6171	6171	6173
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),2,9	6172	6170		6172
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),2,4	6179			-1
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),2,3	7448		0	0

((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),2,2	0	0	0	-1
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),2,1	0		0	1
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),1,6	6176	6174	6174	
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),1,7	6175	6173	6173	6175
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),1,8	6174	6172	6172	6174
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),1,9	6173	6171		6173
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),1,4	-2	6178		8988
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),1,2	0	-1	0	0
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((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),1,0	0	0	0	
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,6		6175	6175	6177
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,7		6174	6174	6176
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,5			6176	6178
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,8		6173	6173	6175
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,4		6179	6177	91
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,9		6172		6174
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,3		92	90	-1
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,2		-1	-1	
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,0		0		
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),3,7	6173		6171	
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),3,8	6172		6170	6172
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),3,9	6171	6169		6171
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),3,2	0			
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),4,9	6170	6168		
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((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),4,0		0	0	
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((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),5,8		-3	6168	-3
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((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),5,6		-3	-2	-1
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((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),5,0	0	0	0	
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,9	6168			6166
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,8	-4		6167	6165
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,7	-3		6166	-3
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,6	-2		-3	-2
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,5	-1	-2	-3	-1
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,4		-2	-1	-2
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,3	-1	-1	-1	-1
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,2		-1	-1	-1
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,1	0	0	-1	0
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,0	0	0	0	
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),7,5	-1			-2
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),7,4	-2		-2	-1
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),7,3	0		-2	-1
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),7,2	-1		-1	1
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),7,0	0	0	0	
((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),8,0	0	0		
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((1, 3), (2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),9,9	0			0
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),2,6	24199		24197	
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),2,7	24198	24196	24196	24198
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),2,8	24197	24195	24195	24197
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),2,9	24196	24194		24196
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),2,4	29181			18516
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),2,3	29184		29180	29186
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),2,2	22192	29185	29185	33606
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),2,1	16866		24206	57763
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),1,6	24200	24198	24198	
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),1,7	22186	24197	24197	24199
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),1,8	24196	24196	24196	24198
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),1,9	24195	24195		24197
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),1,4	29182	29180		24204
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),1,3	29183	29185	24203	29185
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),1,2	22191	33605	29184	22193
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),1,1		24207	21739	21087
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),1,0	14926	24208	13892	
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,6		24199	24199	24201
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,7		22185	22185	24200
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,5			24200	24202
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,8		24197	22184	22186
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,4		29181	24201	29183
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,9		24196		22185
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,3		29184	29182	29184
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,2		29185	24203	
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),0,0		21087		
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),3,7	24197		24195	
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),3,8	24196		24194	24196
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),3,9	24195	22180		22182
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),3,2	29186			
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),4,9	22181	22179		
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),4,3		7426		
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),4,0		0	0	
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),5,9	22180	22178		22178
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),5,8		9949	22179	9949
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),5,7		9948	9950	9948
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),5,6		9947	9949	9947
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),5,5	-6	9946	9948	
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),5,3	7425	9922		
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),5,1	0	7425		-1
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),5,0	-1	0	7424	
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,9	22179			9949
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,8	9950		9950	9948
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,7	9949		9949	9947
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,6	9948		9948	9946
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,5	9947	9945	9947	9945
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,4		9944	9946	9942
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,3	7426	9943	9925	9923
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,2		9922	9924	7425
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,1	0	1	7426	6156
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),6,0	-1	0	6157	
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),7,5	9946			9944
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),7,4	9945		9945	9943
((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),7,3	9942		9944	9922

((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),7,2	9923		9923	799
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((2, 0), (4, 1), (4, 5), (7, 1), (9, 8)),9,9	0			0
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((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),2,7	14926	14924	14924	14926
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),2,8	14925	14923	14923	14925
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),2,9	14924	14922		14924
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),2,4	16871			4804
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),2,3	1511		13896	1509
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),2,2	935	933	7451	933
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),2,0	1506		1506	
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),2,1	1507		4803	1505
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),1,6	14928	14926	14926	
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),1,7	14927	14925	14925	14927
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),1,8	14926	14924	14924	14926
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),1,9	14925	14923		14925
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),1,4	16870	16870		28844
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),1,2	934	1509	936	1507
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),1,1		1506	1508	933
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),1,0	1505	1505	1507	
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),0,6		14927	16867	16869
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),0,7		14926	14926	16868
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),0,5			16868	16870
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),0,8		14925	14925	14927
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),0,4		22198	14929	16871
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),0,9		14924		14926
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((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),0,2		1508	-2	
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),0,0		1506		
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),3,7	14925		14923	
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),3,8	14924		14922	14924
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),3,9	14923	14921		14923
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((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),5,8		14918	14920	14918
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((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),5,6		14916	14918	14916
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((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),6,8	14919		14919	14917

((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),6,7	14918		14918	14916
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((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),6,5	14916	-3	3854	918
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((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),6,3	916	-1	918	-2
((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),6,2		-1	-2	-1
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((1, 3), (4, 1), (4, 5), (7, 1), (9, 8)),7,4	918		-3	-1
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((4, 1), (4, 5), (7, 1), (9, 8)),2,9	2166257	2475867		2174320
((4, 1), (4, 5), (7, 1), (9, 8)),2,4	1111563			1111561
((4, 1), (4, 5), (7, 1), (9, 8)),2,3	1111562		1111562	1111560
((4, 1), (4, 5), (7, 1), (9, 8)),2,2	1111561	1111559	1111561	1111559
((4, 1), (4, 5), (7, 1), (9, 8)),2,0	1111559		1111559	
((4, 1), (4, 5), (7, 1), (9, 8)),2,1	1111560		1111560	1111558
((4, 1), (4, 5), (7, 1), (9, 8)),1,6	2475861	2475863	2475863	
((4, 1), (4, 5), (7, 1), (9, 8)),1,7	2166254	2475864	2475864	2475862
((4, 1), (4, 5), (7, 1), (9, 8)),1,8	2174314	2166257	2475865	2166255
((4, 1), (4, 5), (7, 1), (9, 8)),1,9	2166256	2475866		2166256
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((4, 1), (4, 5), (7, 1), (9, 8)),1,3	1111563	1111561	1111563	1111561
((4, 1), (4, 5), (7, 1), (9, 8)),1,2	1111562	1111560	1111562	1111560
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((4, 1), (4, 5), (7, 1), (9, 8)),1,0	1111558	1111558	1111560	
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((4, 1), (4, 5), (7, 1), (9, 8)),0,7		2166255	2174314	2475861
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((4, 1), (4, 5), (7, 1), (9, 8)),0,9		2166257		2166255
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((4, 1), (4, 5), (7, 1), (9, 8)),3,7	2475864		2475866	
((4, 1), (4, 5), (7, 1), (9, 8)),3,8	2475865		2475867	2475865
((4, 1), (4, 5), (7, 1), (9, 8)),3,9	2203684	2475868		2475866
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((4, 1), (4, 5), (7, 1), (9, 8)),5,8		2093248	2108378	1717455
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((4, 1), (4, 5), (7, 1), (9, 8)),5,0	43513	120315	16890	
((4, 1), (4, 5), (7, 1), (9, 8)),6,9	2166261			2475871
((4, 1), (4, 5), (7, 1), (9, 8)),6,8	2074047		2147667	2475872
((4, 1), (4, 5), (7, 1), (9, 8)),6,7	1471725		2074048	2475873
((4, 1), (4, 5), (7, 1), (9, 8)),6,6	1350312		1591271	2475874
((4, 1), (4, 5), (7, 1), (9, 8)),6,5	1611606	2475875	1556078	1507266
((4, 1), (4, 5), (7, 1), (9, 8)),6,4		1513526	1503026	1500186
((4, 1), (4, 5), (7, 1), (9, 8)),6,3	1130049	1503029	1492011	1274776
((4, 1), (4, 5), (7, 1), (9, 8)),6,2		1292232	1181571	867069
((4, 1), (4, 5), (7, 1), (9, 8)),6,1	24234	278403	869745	120315
((4, 1), (4, 5), (7, 1), (9, 8)),6,0	114450	16889	126801	
((4, 1), (4, 5), (7, 1), (9, 8)),7,5	1350314			2475876
((4, 1), (4, 5), (7, 1), (9, 8)),7,4	1474184		1299227	2475877
((4, 1), (4, 5), (7, 1), (9, 8)),7,3	1492012		1137401	2475878
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((4, 1), (4, 5), (7, 1), (9, 8)),8,0	16889	14949		
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((4, 1), (4, 5), (7, 1), (9, 8)),8,9		22		20
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((4, 1), (4, 5), (7, 1), (9, 8)),9,1			12866	12868
((4, 1), (4, 5), (7, 1), (9, 8)),9,2			12865	12867
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((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),6,7	0		-1	0
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((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),6,2		0	0	0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),6,9	-1			-1
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),6,1	0	0	0	0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),6,0	0	0	0	
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),7,5	0			0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),7,4	0		0	0
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((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),7,2	0		0	0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),7,0	0	0	0	
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),2,9	0	-1		-1
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((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),1,9	0	0		0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),1,8	-1	0	0	0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),1,7	0	0	-1	0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),1,6	0	0	0	
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),1,4	-1	-1		3491
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),1,2	0	0	0	0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),1,1		0	0	0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),1,0	0	0	0	
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),9,0	0		0	
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),9,1			0	0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),9,2			0	0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),9,3			0	0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),9,4			0	0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),9,5			0	0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),9,6	0			0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),9,9	0			0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),0,9		0		0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),0,8		0	0	-1
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),0,7		0	0	-1
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),0,6		0	-1	-1
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),0,5			0	-1
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),0,4		-1	0	0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),0,3		0	0	0
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),0,2		0	0	
((1, 3), (2, 0), (4, 1), (7, 1), (9, 8)),0,0		0		
((1, 3), (2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),4,5	-3	-1		
((1, 3), (2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),4,3		-1		
((1, 3), (2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),4,9	0	0		
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((1, 3), (2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),5,5	-2	-1	-1	
((1, 3), (2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),5,6		0	-1	0
((1, 3), (2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),5,7		-1	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),5,8		0	0	0

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((2, 0), (4, 1), (7, 1), (9, 8)),4,5	174	176		
((2, 0), (4, 1), (7, 1), (9, 8)),4,3		178		
((2, 0), (4, 1), (7, 1), (9, 8)),4,9	782	780		
((2, 0), (4, 1), (7, 1), (9, 8)),4,0		-2	0	
((2, 0), (4, 1), (7, 1), (9, 8)),5,5	175	177	175	
((2, 0), (4, 1), (7, 1), (9, 8)),5,6		176	776	176
((2, 0), (4, 1), (7, 1), (9, 8)),5,7		777	779	775
((2, 0), (4, 1), (7, 1), (9, 8)),5,8		-9	780	778
((2, 0), (4, 1), (7, 1), (9, 8)),5,3	-6	179		
((2, 0), (4, 1), (7, 1), (9, 8)),5,9	781	779		779
((2, 0), (4, 1), (7, 1), (9, 8)),5,1	1	-2		-2
((2, 0), (4, 1), (7, 1), (9, 8)),5,0	-1	-1	-1	
((2, 0), (4, 1), (7, 1), (9, 8)),3,5		175		
((2, 0), (4, 1), (7, 1), (9, 8)),3,9	783	781		781
((2, 0), (4, 1), (7, 1), (9, 8)),3,8	784		782	784
((2, 0), (4, 1), (7, 1), (9, 8)),3,7	785		783	
((2, 0), (4, 1), (7, 1), (9, 8)),3,2	794			
((2, 0), (4, 1), (7, 1), (9, 8)),6,5	176	178	176	178
((2, 0), (4, 1), (7, 1), (9, 8)),6,6	175		777	177
((2, 0), (4, 1), (7, 1), (9, 8)),6,4		179	177	179
((2, 0), (4, 1), (7, 1), (9, 8)),6,7	778		778	176
((2, 0), (4, 1), (7, 1), (9, 8)),6,3	178	180	178	180
((2, 0), (4, 1), (7, 1), (9, 8)),6,8	779		779	777
((2, 0), (4, 1), (7, 1), (9, 8)),6,2		181	179	181
((2, 0), (4, 1), (7, 1), (9, 8)),6,9	780			778
((2, 0), (4, 1), (7, 1), (9, 8)),6,1	0	186	-3	-1
((2, 0), (4, 1), (7, 1), (9, 8)),6,0	-2	-1	0	
((2, 0), (4, 1), (7, 1), (9, 8)),7,5	177			179
((2, 0), (4, 1), (7, 1), (9, 8)),7,4	178		178	180
((2, 0), (4, 1), (7, 1), (9, 8)),7,3	179		179	181
((2, 0), (4, 1), (7, 1), (9, 8)),7,2	180		180	809
((2, 0), (4, 1), (7, 1), (9, 8)),7,0	0	0	-2	
((2, 0), (4, 1), (7, 1), (9, 8)),2,9	784	782		784
((2, 0), (4, 1), (7, 1), (9, 8)),2,8	785	783	783	785
((2, 0), (4, 1), (7, 1), (9, 8)),2,7	786	784	784	786
((2, 0), (4, 1), (7, 1), (9, 8)),2,6	787		-8	
((2, 0), (4, 1), (7, 1), (9, 8)),2,4	791			793
((2, 0), (4, 1), (7, 1), (9, 8)),2,3	794		792	794
((2, 0), (4, 1), (7, 1), (9, 8)),2,2	795	793	793	5512
((2, 0), (4, 1), (7, 1), (9, 8)),2,1	796		5511	13396
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((2, 0), (4, 1), (7, 1), (9, 8)),8,7			0	0
((2, 0), (4, 1), (7, 1), (9, 8)),8,8		0	0	0
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((2, 0), (4, 1), (7, 1), (9, 8)),1,9	785	783		785
((2, 0), (4, 1), (7, 1), (9, 8)),1,8	786	784	-8	786
((2, 0), (4, 1), (7, 1), (9, 8)),1,7	787	785	785	787
((2, 0), (4, 1), (7, 1), (9, 8)),1,6	788	-7	786	
((2, 0), (4, 1), (7, 1), (9, 8)),1,4	5507	792		3489
((2, 0), (4, 1), (7, 1), (9, 8)),1,3	3488	793	3488	5510
((2, 0), (4, 1), (7, 1), (9, 8)),1,2	3487	5511	3489	5791
((2, 0), (4, 1), (7, 1), (9, 8)),1,1		7839	5510	5792
((2, 0), (4, 1), (7, 1), (9, 8)),1,0	3491	11414	5791	
((2, 0), (4, 1), (7, 1), (9, 8)),9,0	0		0	

((2, 0), (4, 1), (7, 1), (9, 8)),9,1			0	0
((2, 0), (4, 1), (7, 1), (9, 8)),9,2			0	0
((2, 0), (4, 1), (7, 1), (9, 8)),9,3			0	0
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((2, 0), (4, 1), (7, 1), (9, 8)),9,6	0			0
((2, 0), (4, 1), (7, 1), (9, 8)),9,9	0			0
((2, 0), (4, 1), (7, 1), (9, 8)),0,9		784		786
((2, 0), (4, 1), (7, 1), (9, 8)),0,8		785	785	787
((2, 0), (4, 1), (7, 1), (9, 8)),0,7		786	786	788
((2, 0), (4, 1), (7, 1), (9, 8)),0,6		787	787	789
((2, 0), (4, 1), (7, 1), (9, 8)),0,5			788	792
((2, 0), (4, 1), (7, 1), (9, 8)),0,4		793	-4	5508
((2, 0), (4, 1), (7, 1), (9, 8)),0,3		5509	792	5509
((2, 0), (4, 1), (7, 1), (9, 8)),0,2		5510	3488	
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((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),5,5	-3	-1	-1	
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((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),5,8		-2	-1	-1
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),5,3	-2	-2		
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),5,9	-2	-2		-2
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),5,1	0	-1		-1
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),5,0	0	-1	-1	
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),3,5		-3		
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),3,9	0	-2		0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),3,8	0		0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),3,7	0		0	
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((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),6,5	-2	0	-2	-2
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((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),6,1	-1	1	-1	0
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((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),7,5	-1			0
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((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),7,3	-1		0	-1
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),7,2	-1		0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),7,0	0	0	0	
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),2,9	0	0		0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),2,8	0	0	0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),2,7	0	0	0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),2,4	0			0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),2,3	0		0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),2,2	0	0	0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),2,1	0		0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),8,0	0	0		
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((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),8,7			0	0

((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),8,8		0	0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),8,9		0		0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),1,9	0	0		0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),1,8	0	0	0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),1,7	0	0	0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),1,6	0	0	0	
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),1,4	0	0		0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),1,3	0	0	0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),1,2	0	0	0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),1,1		0	0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),1,0	0	0	0	
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),9,0	0		0	
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),9,1			0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),9,2			0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),9,3			0	0
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((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),9,5			0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),9,6	0			0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),9,9	0			0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),0,9		0		0
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((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),0,7		0	0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),0,6		0	0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),0,5			0	0
((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),0,4		0	0	0
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((2, 0), (2, 6), (4, 1), (7, 1), (9, 8)),0,0		0		
((1, 3), (4, 1), (7, 1), (9, 8)),4,5	-3	-3		
((1, 3), (4, 1), (7, 1), (9, 8)),4,3		-3		
((1, 3), (4, 1), (7, 1), (9, 8)),4,9	0	-1		
((1, 3), (4, 1), (7, 1), (9, 8)),4,0		0	0	
((1, 3), (4, 1), (7, 1), (9, 8)),5,5	-4	-2	-2	
((1, 3), (4, 1), (7, 1), (9, 8)),5,6		-2	-1	-3
((1, 3), (4, 1), (7, 1), (9, 8)),5,7		-2	-1	-2
((1, 3), (4, 1), (7, 1), (9, 8)),5,8		-1	0	-2
((1, 3), (4, 1), (7, 1), (9, 8)),5,3	-4	-2		
((1, 3), (4, 1), (7, 1), (9, 8)),5,9	-1	-1		-1
((1, 3), (4, 1), (7, 1), (9, 8)),5,1	0	-1		0
((1, 3), (4, 1), (7, 1), (9, 8)),5,0	0	0	-1	
((1, 3), (4, 1), (7, 1), (9, 8)),3,5		-3		
((1, 3), (4, 1), (7, 1), (9, 8)),3,9	0	0		0
((1, 3), (4, 1), (7, 1), (9, 8)),3,8	0		0	0
((1, 3), (4, 1), (7, 1), (9, 8)),3,7	0		0	
((1, 3), (4, 1), (7, 1), (9, 8)),3,2	0			
((1, 3), (4, 1), (7, 1), (9, 8)),6,5	-2	-2	-2	-3
((1, 3), (4, 1), (7, 1), (9, 8)),6,6	-2		-1	-3
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((1, 3), (4, 1), (7, 1), (9, 8)),6,7	-1		-1	-2
((1, 3), (4, 1), (7, 1), (9, 8)),6,3	-3	-2	-2	-1
((1, 3), (4, 1), (7, 1), (9, 8)),6,8	0		-1	-2
((1, 3), (4, 1), (7, 1), (9, 8)),6,2		0	-2	-1
((1, 3), (4, 1), (7, 1), (9, 8)),6,9	-1			-1
((1, 3), (4, 1), (7, 1), (9, 8)),6,1	-1	0	-1	-1
((1, 3), (4, 1), (7, 1), (9, 8)),6,0	-1	0	0	
((1, 3), (4, 1), (7, 1), (9, 8)),7,5	-1			-2
((1, 3), (4, 1), (7, 1), (9, 8)),7,4	-2		-2	-1
((1, 3), (4, 1), (7, 1), (9, 8)),7,3	-2		-2	0

((1, 3), (4, 1), (7, 1), (9, 8)),7,2	-1		0	0
((1, 3), (4, 1), (7, 1), (9, 8)),7,0	0	0	0	
((1, 3), (4, 1), (7, 1), (9, 8)),2,9	0	0		0
((1, 3), (4, 1), (7, 1), (9, 8)),2,8	0	0	0	0
((1, 3), (4, 1), (7, 1), (9, 8)),2,7	0	0	0	0
((1, 3), (4, 1), (7, 1), (9, 8)),2,6	0		0	
((1, 3), (4, 1), (7, 1), (9, 8)),2,4	0			0
((1, 3), (4, 1), (7, 1), (9, 8)),2,3	0		0	0
((1, 3), (4, 1), (7, 1), (9, 8)),2,2	0	0	0	0
((1, 3), (4, 1), (7, 1), (9, 8)),2,0	0		0	
((1, 3), (4, 1), (7, 1), (9, 8)),2,1	0		0	0
((1, 3), (4, 1), (7, 1), (9, 8)),8,0	0	0		
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((1, 3), (4, 1), (7, 1), (9, 8)),1,9	0	0		0
((1, 3), (4, 1), (7, 1), (9, 8)),1,8	0	0	0	0
((1, 3), (4, 1), (7, 1), (9, 8)),1,7	0	0	0	0
((1, 3), (4, 1), (7, 1), (9, 8)),1,6	0	0	0	
((1, 3), (4, 1), (7, 1), (9, 8)),1,4	0	0		0
((1, 3), (4, 1), (7, 1), (9, 8)),1,2	0	0	0	0
((1, 3), (4, 1), (7, 1), (9, 8)),1,1		0	0	0
((1, 3), (4, 1), (7, 1), (9, 8)),1,0	0	0	0	
((1, 3), (4, 1), (7, 1), (9, 8)),9,0	0		0	
((1, 3), (4, 1), (7, 1), (9, 8)),9,1			0	0
((1, 3), (4, 1), (7, 1), (9, 8)),9,2			0	0
((1, 3), (4, 1), (7, 1), (9, 8)),9,3			0	0
((1, 3), (4, 1), (7, 1), (9, 8)),9,4			0	0
((1, 3), (4, 1), (7, 1), (9, 8)),9,5			0	0
((1, 3), (4, 1), (7, 1), (9, 8)),9,6	0			0
((1, 3), (4, 1), (7, 1), (9, 8)),9,9	0			0
((1, 3), (4, 1), (7, 1), (9, 8)),0,9		0		0
((1, 3), (4, 1), (7, 1), (9, 8)),0,8		0	0	0
((1, 3), (4, 1), (7, 1), (9, 8)),0,7		0	0	0
((1, 3), (4, 1), (7, 1), (9, 8)),0,6		0	0	0
((1, 3), (4, 1), (7, 1), (9, 8)),0,5			0	0
((1, 3), (4, 1), (7, 1), (9, 8)),0,4		0	0	0
((1, 3), (4, 1), (7, 1), (9, 8)),0,3		0	0	0
((1, 3), (4, 1), (7, 1), (9, 8)),0,2		0	0	
((1, 3), (4, 1), (7, 1), (9, 8)),0,0		0		
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),4,5	-3	-2		
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),4,3		0		
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((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),4,0		0	0	
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),5,5	-2	-1	-1	
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),5,6		0	0	-2
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),5,7		0	0	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),5,8		0	0	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),5,3	0	0		
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),5,9	0	0		0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),5,1	0	0		0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),5,0	0	0	0	
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),3,5		-2		
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),3,9	0	0		0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),3,8	0		0	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),3,7	0		0	
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((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),6,5	-2	-1	-1	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),6,6	0		0	-1
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((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),6,7	0		0	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),6,3	0	0	0	-1
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),6,8	0		0	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),6,2		-1	0	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),6,9	0			0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),6,1	0	0	0	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),6,0	0	0	0	
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),7,5	0			-1
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),7,4	-1		0	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),7,3	0		0	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),7,2	0		0	1
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),7,0	0	0	0	
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),2,9	0	0		0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),2,8	0	0	0	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),2,7	0	0	0	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),2,4	0			0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),2,3	0		0	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),2,2	0	0	0	0
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((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),1,9	0	0		0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),1,8	0	0	0	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),1,7	0	0	0	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),1,6	0	0	0	
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),1,4	0	0		0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),1,2	0	0	0	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),1,1		0	0	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),1,0	0	0	0	
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((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),9,1			0	0
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((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),9,6	0			0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),9,9	0			0
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((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),0,5			0	0
((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),0,4		0	0	0
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((1, 3), (2, 6), (4, 1), (7, 1), (9, 8)),0,0		0		
((4, 1), (7, 1), (9, 8)),4,5	19381	19383		
((4, 1), (7, 1), (9, 8)),4,3		19385		
((4, 1), (7, 1), (9, 8)),4,9	19146	19148		
((4, 1), (7, 1), (9, 8)),4,0		19127	2620	
((4, 1), (7, 1), (9, 8)),5,5	19382	19384	19382	

((4, 1), (7, 1), (9, 8)),5,6		19383	19381	19383
((4, 1), (7, 1), (9, 8)),5,7		19382	19149	19382
((4, 1), (7, 1), (9, 8)),5,8		19150	19148	19381
((4, 1), (7, 1), (9, 8)),5,3	19384	20215		
((4, 1), (7, 1), (9, 8)),5,9	19147	19149		19149
((4, 1), (7, 1), (9, 8)),5,1	2648	19157		19155
((4, 1), (7, 1), (9, 8)),5,0	19126	19387	19156	
((4, 1), (7, 1), (9, 8)),3,5		19382		
((4, 1), (7, 1), (9, 8)),3,9	19145	19147		19145
((4, 1), (7, 1), (9, 8)),3,8	19144		19146	19144
((4, 1), (7, 1), (9, 8)),3,7	19143		19145	
((4, 1), (7, 1), (9, 8)),3,2	19106			
((4, 1), (7, 1), (9, 8)),6,5	19383	19385	19383	19385
((4, 1), (7, 1), (9, 8)),6,6	19382		19382	19384
((4, 1), (7, 1), (9, 8)),6,4		19386	19384	20215
((4, 1), (7, 1), (9, 8)),6,7	19381		19150	19383
((4, 1), (7, 1), (9, 8)),6,3	20214	19387	19385	20216
((4, 1), (7, 1), (9, 8)),6,8	19149		19149	19151
((4, 1), (7, 1), (9, 8)),6,2		20217	20215	20217
((4, 1), (7, 1), (9, 8)),6,9	19148			19150
((4, 1), (7, 1), (9, 8)),6,1	19156	20218	20216	19156
((4, 1), (7, 1), (9, 8)),6,0	19127	19388	19157	
((4, 1), (7, 1), (9, 8)),7,5	19384			19386
((4, 1), (7, 1), (9, 8)),7,4	19385		19385	19387
((4, 1), (7, 1), (9, 8)),7,3	19386		19386	20217
((4, 1), (7, 1), (9, 8)),7,2	20216		20216	20218
((4, 1), (7, 1), (9, 8)),7,0	19128	19126	20218	
((4, 1), (7, 1), (9, 8)),2,9	19144	19146		19144
((4, 1), (7, 1), (9, 8)),2,8	19143	19145	19145	19143
((4, 1), (7, 1), (9, 8)),2,7	19142	19144	19144	19142
((4, 1), (7, 1), (9, 8)),2,6	19141		19143	
((4, 1), (7, 1), (9, 8)),2,4	19109			19107
((4, 1), (7, 1), (9, 8)),2,3	19136		19108	19106
((4, 1), (7, 1), (9, 8)),2,2	19107	19105	19107	19105
((4, 1), (7, 1), (9, 8)),2,0	19105		19105	
((4, 1), (7, 1), (9, 8)),2,1	19106		19106	19104
((4, 1), (7, 1), (9, 8)),8,0	19388	15810		
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((4, 1), (7, 1), (9, 8)),8,7			662	462
((4, 1), (7, 1), (9, 8)),8,8		799	459	461
((4, 1), (7, 1), (9, 8)),8,9		467		494
((4, 1), (7, 1), (9, 8)),1,9	19143	19145		19143
((4, 1), (7, 1), (9, 8)),1,8	19142	19144	19144	19142
((4, 1), (7, 1), (9, 8)),1,7	19141	19143	19143	19141
((4, 1), (7, 1), (9, 8)),1,6	19140	19142	19142	
((4, 1), (7, 1), (9, 8)),1,4	19138	19108		19108
((4, 1), (7, 1), (9, 8)),1,3	19137	19107	19137	19107
((4, 1), (7, 1), (9, 8)),1,2	19136	19106	19136	19106
((4, 1), (7, 1), (9, 8)),1,1		19105	19107	19105
((4, 1), (7, 1), (9, 8)),1,0	19104	19104	19106	
((4, 1), (7, 1), (9, 8)),9,0	16581		11434	
((4, 1), (7, 1), (9, 8)),9,1			11433	15810
((4, 1), (7, 1), (9, 8)),9,2			9306	11434
((4, 1), (7, 1), (9, 8)),9,3			9305	11433
((4, 1), (7, 1), (9, 8)),9,4			8685	9306
((4, 1), (7, 1), (9, 8)),9,5			463	9305
((4, 1), (7, 1), (9, 8)),9,6	462			8685
((4, 1), (7, 1), (9, 8)),9,9	466			231

((4, 1), (7, 1), (9, 8)),0,9		19144		19142
((4, 1), (7, 1), (9, 8)),0,8		19143	19143	19141
((4, 1), (7, 1), (9, 8)),0,7		19142	19142	19140
((4, 1), (7, 1), (9, 8)),0,6		19141	19141	19139
((4, 1), (7, 1), (9, 8)),0,5			19140	19138
((4, 1), (7, 1), (9, 8)),0,4		19137	19139	19137
((4, 1), (7, 1), (9, 8)),0,3		19136	19138	19136
((4, 1), (7, 1), (9, 8)),0,2		19135	19137	
((4, 1), (7, 1), (9, 8)),0,0		19105		
((2, 6), (4, 1), (7, 1), (9, 8)),4,5	2448	7278		
((2, 6), (4, 1), (7, 1), (9, 8)),4,3		2446		
((2, 6), (4, 1), (7, 1), (9, 8)),4,9	12304	12302		
((2, 6), (4, 1), (7, 1), (9, 8)),4,0		1102	1106	
((2, 6), (4, 1), (7, 1), (9, 8)),5,5	7277	12295	7279	
((2, 6), (4, 1), (7, 1), (9, 8)),5,6		12296	12298	7278
((2, 6), (4, 1), (7, 1), (9, 8)),5,7		12299	12299	12297
((2, 6), (4, 1), (7, 1), (9, 8)),5,8		12300	12302	12298
((2, 6), (4, 1), (7, 1), (9, 8)),5,3	2445	2447		
((2, 6), (4, 1), (7, 1), (9, 8)),5,9	12303	12301		12301
((2, 6), (4, 1), (7, 1), (9, 8)),5,1	-1	791		1102
((2, 6), (4, 1), (7, 1), (9, 8)),5,0	1105	387	1101	
((2, 6), (4, 1), (7, 1), (9, 8)),3,5		7277		
((2, 6), (4, 1), (7, 1), (9, 8)),3,9	12305	12303		12796
((2, 6), (4, 1), (7, 1), (9, 8)),3,8	12797		9294	12797
((2, 6), (4, 1), (7, 1), (9, 8)),3,7	12798		12796	
((2, 6), (4, 1), (7, 1), (9, 8)),3,2	-2			
((2, 6), (4, 1), (7, 1), (9, 8)),6,5	7278	2448	12296	12294
((2, 6), (4, 1), (7, 1), (9, 8)),6,6	12297		12299	12295
((2, 6), (4, 1), (7, 1), (9, 8)),6,4		2447	12295	6439
((2, 6), (4, 1), (7, 1), (9, 8)),6,7	12298		12300	12296
((2, 6), (4, 1), (7, 1), (9, 8)),6,3	2446	6440	12294	6440
((2, 6), (4, 1), (7, 1), (9, 8)),6,8	12301		12301	12299
((2, 6), (4, 1), (7, 1), (9, 8)),6,2		6441	2447	2303
((2, 6), (4, 1), (7, 1), (9, 8)),6,9	12302			12300
((2, 6), (4, 1), (7, 1), (9, 8)),6,1	1101	6442	792	387
((2, 6), (4, 1), (7, 1), (9, 8)),6,0	386	386	388	
((2, 6), (4, 1), (7, 1), (9, 8)),7,5	7279			2447
((2, 6), (4, 1), (7, 1), (9, 8)),7,4	4868		2448	6440
((2, 6), (4, 1), (7, 1), (9, 8)),7,3	6439		6439	6441
((2, 6), (4, 1), (7, 1), (9, 8)),7,2	2446		6440	6442
((2, 6), (4, 1), (7, 1), (9, 8)),7,0	387	89	0	
((2, 6), (4, 1), (7, 1), (9, 8)),2,9	12304	12304		12306
((2, 6), (4, 1), (7, 1), (9, 8)),2,8	12305	7287	12305	12798
((2, 6), (4, 1), (7, 1), (9, 8)),2,7	2458	12797	12797	18341
((2, 6), (4, 1), (7, 1), (9, 8)),2,4	-2			-3
((2, 6), (4, 1), (7, 1), (9, 8)),2,3	-3		-3	-2
((2, 6), (4, 1), (7, 1), (9, 8)),2,2	-2	-3	-2	-3
((2, 6), (4, 1), (7, 1), (9, 8)),2,0	-3		-3	
((2, 6), (4, 1), (7, 1), (9, 8)),2,1	-2		-2	-3
((2, 6), (4, 1), (7, 1), (9, 8)),8,0	90	88		
((2, 6), (4, 1), (7, 1), (9, 8)),8,6		-2	-1	
((2, 6), (4, 1), (7, 1), (9, 8)),8,7			-1	-1
((2, 6), (4, 1), (7, 1), (9, 8)),8,8		0	-1	0
((2, 6), (4, 1), (7, 1), (9, 8)),8,9		8		0
((2, 6), (4, 1), (7, 1), (9, 8)),1,9	97	12305		12305
((2, 6), (4, 1), (7, 1), (9, 8)),1,8	98	12306	-3	12304
((2, 6), (4, 1), (7, 1), (9, 8)),1,7	805	12798	12305	12160
((2, 6), (4, 1), (7, 1), (9, 8)),1,6	59	13938	0	

((2, 6), (4, 1), (7, 1), (9, 8)),1,4	-3	-3		-3
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((2, 6), (4, 1), (7, 1), (9, 8)),1,2	-2	-2	-3	-2
((2, 6), (4, 1), (7, 1), (9, 8)),1,1		-3	-2	-2
((2, 6), (4, 1), (7, 1), (9, 8)),1,0	-3	-3	-2	
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((2, 6), (4, 1), (7, 1), (9, 8)),9,1			-1	-1
((2, 6), (4, 1), (7, 1), (9, 8)),9,2			-1	0
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((2, 6), (4, 1), (7, 1), (9, 8)),9,9	0			1
((2, 6), (4, 1), (7, 1), (9, 8)),0,9		804		98
((2, 6), (4, 1), (7, 1), (9, 8)),0,8		805	97	805
((2, 6), (4, 1), (7, 1), (9, 8)),0,7		806	804	59
((2, 6), (4, 1), (7, 1), (9, 8)),0,6		1782	-1	-3
((2, 6), (4, 1), (7, 1), (9, 8)),0,5			-2	-3
((2, 6), (4, 1), (7, 1), (9, 8)),0,4		-2	-3	-2
((2, 6), (4, 1), (7, 1), (9, 8)),0,3		-3	-3	-2
((2, 6), (4, 1), (7, 1), (9, 8)),0,2		-1	-2	
((2, 6), (4, 1), (7, 1), (9, 8)),0,0		-2		
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),7,1	-1		-1	0
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),7,2	-1		0	0
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),7,0	-1	0	-1	
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),7,3	0		0	0
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),7,4	0		0	0
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),7,5	-1			0
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),6,1	-1	0	0	-1
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),6,2		0	-1	-1
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((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),6,3	-2	0	-1	-1
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),6,4		0	-1	-1
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((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),6,6	-1		-1	-1
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),6,7	0		-2	-2
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),6,8	-2		-2	-1
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),6,9	-2			-2
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),5,1	1	0		0
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),5,0	0	-1	0	
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),5,3	-2	-1		
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),5,5	0	-1	-1	
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),5,6		0	-2	0
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),5,7		-1	-2	-1
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),5,8		-2	-2	-2
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),5,9	-2	-3		-2
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),8,0	0	0		
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),8,6		0	0	
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),8,7			0	0
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),8,8		0	0	0
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),8,9		0		0
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),9,0	0		0	
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),9,1			0	0
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),9,2			0	0
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),9,3			0	0
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),9,4			0	0
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),9,5			0	0
((1, 3), (2, 0), (4, 1), (4, 5), (9, 8)),9,6	0			0

((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),8,6		0	0	
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),8,7			0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),8,8		0	0	0
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((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),9,0	0		0	
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),9,1			0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),9,2			0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),9,3			0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),9,4			0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),9,5			0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),9,6	0			0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),9,9	0			0
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((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),4,9	0	0		
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),3,9	0	0		0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),3,8	0		0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),3,7	0		0	
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),3,2	0			
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),2,9	0	0		0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),2,8	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),2,7	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),2,4	0			0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),2,3	0		0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),2,2	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),2,1	0		0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),1,9	0	0		0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),1,8	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),1,7	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),1,6	0	0	0	
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),1,4	0	0		0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),1,2	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),1,1		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),1,0	0	0	0	
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),0,9		0		0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),0,8		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),0,7		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),0,6		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),0,5			0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),0,4		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),0,3		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),0,2		0	0	
((1, 3), (2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),0,0		0		
((2, 0), (4, 1), (4, 5), (9, 8)),7,1	798		796	-3
((2, 0), (4, 1), (4, 5), (9, 8)),7,2	797		795	-3
((2, 0), (4, 1), (4, 5), (9, 8)),7,0	-3	-3	797	
((2, 0), (4, 1), (4, 5), (9, 8)),7,3	796		-2	796
((2, 0), (4, 1), (4, 5), (9, 8)),7,4	174		174	-3
((2, 0), (4, 1), (4, 5), (9, 8)),7,5	175			173
((2, 0), (4, 1), (4, 5), (9, 8)),6,1	799	-3	797	797
((2, 0), (4, 1), (4, 5), (9, 8)),6,2		796	-2	798
((2, 0), (4, 1), (4, 5), (9, 8)),6,0	-2	-4	798	
((2, 0), (4, 1), (4, 5), (9, 8)),6,3	-1	-3	-2	797
((2, 0), (4, 1), (4, 5), (9, 8)),6,4		173	175	-2
((2, 0), (4, 1), (4, 5), (9, 8)),6,5	176	174	174	174
((2, 0), (4, 1), (4, 5), (9, 8)),6,6	-1		173	175
((2, 0), (4, 1), (4, 5), (9, 8)),6,7	174		-1	174
((2, 0), (4, 1), (4, 5), (9, 8)),6,8	0		0	173

((2, 0), (4, 1), (4, 5), (9, 8)),6,9	0			0
((2, 0), (4, 1), (4, 5), (9, 8)),5,1	800	798		798
((2, 0), (4, 1), (4, 5), (9, 8)),5,0	225	-3	799	
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((2, 0), (4, 1), (4, 5), (9, 8)),5,5	177	175	175	
((2, 0), (4, 1), (4, 5), (9, 8)),5,6		-1	-1	176
((2, 0), (4, 1), (4, 5), (9, 8)),5,7		0	-1	175
((2, 0), (4, 1), (4, 5), (9, 8)),5,8		-1	-1	-1
((2, 0), (4, 1), (4, 5), (9, 8)),5,9	0	0		-1
((2, 0), (4, 1), (4, 5), (9, 8)),8,0	-4	-4		
((2, 0), (4, 1), (4, 5), (9, 8)),8,6		0	0	
((2, 0), (4, 1), (4, 5), (9, 8)),8,7			0	0
((2, 0), (4, 1), (4, 5), (9, 8)),8,8		0	0	0
((2, 0), (4, 1), (4, 5), (9, 8)),8,9		0		0
((2, 0), (4, 1), (4, 5), (9, 8)),9,0	-5		-3	
((2, 0), (4, 1), (4, 5), (9, 8)),9,1			-2	-4
((2, 0), (4, 1), (4, 5), (9, 8)),9,2			-1	-3
((2, 0), (4, 1), (4, 5), (9, 8)),9,3			0	-2
((2, 0), (4, 1), (4, 5), (9, 8)),9,4			0	0
((2, 0), (4, 1), (4, 5), (9, 8)),9,5			0	0
((2, 0), (4, 1), (4, 5), (9, 8)),9,6	0			0
((2, 0), (4, 1), (4, 5), (9, 8)),9,9	0			0
((2, 0), (4, 1), (4, 5), (9, 8)),4,0		224	800	
((2, 0), (4, 1), (4, 5), (9, 8)),4,3		0		
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((2, 0), (4, 1), (4, 5), (9, 8)),3,9	0	0		0
((2, 0), (4, 1), (4, 5), (9, 8)),3,8	0		0	0
((2, 0), (4, 1), (4, 5), (9, 8)),3,7	0		0	
((2, 0), (4, 1), (4, 5), (9, 8)),3,2	0			
((2, 0), (4, 1), (4, 5), (9, 8)),2,9	0	0		0
((2, 0), (4, 1), (4, 5), (9, 8)),2,8	0	0	0	0
((2, 0), (4, 1), (4, 5), (9, 8)),2,7	0	0	0	0
((2, 0), (4, 1), (4, 5), (9, 8)),2,6	0		0	
((2, 0), (4, 1), (4, 5), (9, 8)),2,4	0			0
((2, 0), (4, 1), (4, 5), (9, 8)),2,3	0		0	0
((2, 0), (4, 1), (4, 5), (9, 8)),2,2	0	0	0	0
((2, 0), (4, 1), (4, 5), (9, 8)),2,1	0		0	0
((2, 0), (4, 1), (4, 5), (9, 8)),1,9	0	0		0
((2, 0), (4, 1), (4, 5), (9, 8)),1,8	0	0	0	0
((2, 0), (4, 1), (4, 5), (9, 8)),1,7	0	0	0	0
((2, 0), (4, 1), (4, 5), (9, 8)),1,6	0	0	0	
((2, 0), (4, 1), (4, 5), (9, 8)),1,4	0	0		0
((2, 0), (4, 1), (4, 5), (9, 8)),1,3	0	0	0	0
((2, 0), (4, 1), (4, 5), (9, 8)),1,2	0	0	0	0
((2, 0), (4, 1), (4, 5), (9, 8)),1,1		0	0	0
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((2, 0), (4, 1), (4, 5), (9, 8)),0,9		0		0
((2, 0), (4, 1), (4, 5), (9, 8)),0,8		0	0	0
((2, 0), (4, 1), (4, 5), (9, 8)),0,7		0	0	0
((2, 0), (4, 1), (4, 5), (9, 8)),0,6		0	0	0
((2, 0), (4, 1), (4, 5), (9, 8)),0,5			0	0
((2, 0), (4, 1), (4, 5), (9, 8)),0,4		0	0	0
((2, 0), (4, 1), (4, 5), (9, 8)),0,3		0	0	0
((2, 0), (4, 1), (4, 5), (9, 8)),0,2		0	0	
((2, 0), (4, 1), (4, 5), (9, 8)),0,0		0		
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),7,1	-1		-2	-2
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),7,2	-1		-2	-2
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),7,0	-2	-2	-2	

((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),7,3	-1		-3	-2
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),7,4	-3		-2	-2
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),7,5	-2			-1
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),6,1	0	-2	-2	-2
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),6,2		-2	-1	-1
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),6,0	-1	-1	-1	
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),6,3	-3	-1	-2	-2
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),6,4		-3	-2	-2
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),6,5	-1	-2	-1	-2
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),6,6	0		0	-1
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),6,7	0		0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),6,8	0		0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),6,9	0			0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),5,1	1	-1		-1
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),5,0	-1	-2	0	
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),5,3	-2	-2		
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),5,5	0	-1	-1	
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),5,6		0	0	-1
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),5,7		0	0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),5,8		0	0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),5,9	0	0		0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),8,0	-3	-3		
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),8,6		0	0	
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),8,7			0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),8,8		0	0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),8,9		0		0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),9,0	-2		-2	
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),9,1			-1	-3
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),9,2			0	-2
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),9,3			0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),9,4			0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),9,5			0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),9,6	0			0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),9,9	0			0
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((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),4,9	0	0		
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),3,9	0	0		0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),3,8	0		0	0
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((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),2,9	0	0		0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),2,8	0	0	0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),2,7	0	0	0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),2,4	0			0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),2,3	0		0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),2,2	0	0	0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),2,1	0		0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),1,9	0	0		0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),1,8	0	0	0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),1,7	0	0	0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),1,6	0	0	0	
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),1,4	0	0		0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),1,3	0	0	0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),1,2	0	0	0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),1,1		0	0	0
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),1,0	0	0	0	
((2, 0), (2, 6), (4, 1), (4, 5), (9, 8)),0,9		0		0

(2,0),(2,6),(4,1),(4,5),(9,8)),0,8		0	0	0
(2,0),(2,6),(4,1),(4,5),(9,8)),0,7		0	0	0
(2,0),(2,6),(4,1),(4,5),(9,8)),0,6		0	0	0
(2,0),(2,6),(4,1),(4,5),(9,8)),0,5			0	0
(2,0),(2,6),(4,1),(4,5),(9,8)),0,4		0	0	0
(2,0),(2,6),(4,1),(4,5),(9,8)),0,3		0	0	0
(2,0),(2,6),(4,1),(4,5),(9,8)),0,2		0	0	
(2,0),(2,6),(4,1),(4,5),(9,8)),0,0		0		
(1,3),(2,0),(4,5),(7,1),(9,8)),4,1		0		0
(1,3),(2,0),(4,5),(7,1),(9,8)),4,0		0	0	
(1,3),(2,0),(4,5),(7,1),(9,8)),4,3		0		
(1,3),(2,0),(4,5),(7,1),(9,8)),4,9	0	0		
(1,3),(2,0),(4,5),(7,1),(9,8)),5,1	0	0		0
(1,3),(2,0),(4,5),(7,1),(9,8)),5,0	0	0	0	
(1,3),(2,0),(4,5),(7,1),(9,8)),5,3	0	0		
(1,3),(2,0),(4,5),(7,1),(9,8)),5,5	0	0	0	
(1,3),(2,0),(4,5),(7,1),(9,8)),5,6		0	0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),5,7		0	0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),5,8		0	0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),5,9	0	0		0
(1,3),(2,0),(4,5),(7,1),(9,8)),6,1	0	0	0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),6,2		0	0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),6,0	0	0	0	
(1,3),(2,0),(4,5),(7,1),(9,8)),6,3	0	0	0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),6,4		0	0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),6,5	0	0	0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),6,6	0		0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),6,7	0		0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),6,8	0		0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),6,9	0			0
(1,3),(2,0),(4,5),(7,1),(9,8)),7,2	0		0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),7,0	0	0	0	
(1,3),(2,0),(4,5),(7,1),(9,8)),7,3	0		0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),7,4	0		0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),7,5	0			0
(1,3),(2,0),(4,5),(7,1),(9,8)),8,0	0	0		
(1,3),(2,0),(4,5),(7,1),(9,8)),8,6		0	0	
(1,3),(2,0),(4,5),(7,1),(9,8)),8,7			0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),8,8		0	0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),8,9		0		0
(1,3),(2,0),(4,5),(7,1),(9,8)),9,0	0		0	
(1,3),(2,0),(4,5),(7,1),(9,8)),9,1			0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),9,2			0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),9,3			0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),9,4			0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),9,5			0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),9,6	0			0
(1,3),(2,0),(4,5),(7,1),(9,8)),9,9	0			0
(1,3),(2,0),(4,5),(7,1),(9,8)),3,9	0	0		0
(1,3),(2,0),(4,5),(7,1),(9,8)),3,8	0		0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),3,7	0		0	
(1,3),(2,0),(4,5),(7,1),(9,8)),3,2	0			
(1,3),(2,0),(4,5),(7,1),(9,8)),2,9	0	0		0
(1,3),(2,0),(4,5),(7,1),(9,8)),2,8	0	0	0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),2,7	0	0	0	0
(1,3),(2,0),(4,5),(7,1),(9,8)),2,6	0		0	
(1,3),(2,0),(4,5),(7,1),(9,8)),2,4	0			0
(1,3),(2,0),(4,5),(7,1),(9,8)),2,3	0		0	0

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((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),9,9	0			0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),3,9	0	0		0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),3,8	0		0	0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),3,7	0		0	
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),3,2	0			
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),2,9	0	0		0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),2,8	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),2,7	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),2,4	0			0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),2,3	0		0	0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),2,2	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),2,1	0		0	0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),1,9	0	0		0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),1,8	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),1,7	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),1,6	0	0	0	
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),1,4	0	0		0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),1,2	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),1,1		0	0	0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),1,0	0	0	0	
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),0,9		0		0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),0,8		0	0	0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),0,7		0	0	0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),0,6		0	0	0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),0,5			0	0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),0,4		0	0	0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),0,3		0	0	0
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),0,2		0	0	
((1, 3), (2, 0), (2, 6), (4, 5), (7, 1), (9, 8)),0,0		0		
((2, 0), (4, 5), (7, 1), (9, 8)),4,1		-1		-3
((2, 0), (4, 5), (7, 1), (9, 8)),4,0		-2	-2	
((2, 0), (4, 5), (7, 1), (9, 8)),4,3		0		
((2, 0), (4, 5), (7, 1), (9, 8)),4,9	0	0		
((2, 0), (4, 5), (7, 1), (9, 8)),5,1	-2	-1		-2
((2, 0), (4, 5), (7, 1), (9, 8)),5,0	-2	-1	-1	
((2, 0), (4, 5), (7, 1), (9, 8)),5,3	0	0		
((2, 0), (4, 5), (7, 1), (9, 8)),5,5	0	0	0	
((2, 0), (4, 5), (7, 1), (9, 8)),5,6		0	0	0
((2, 0), (4, 5), (7, 1), (9, 8)),5,7		0	0	0
((2, 0), (4, 5), (7, 1), (9, 8)),5,8		0	0	0
((2, 0), (4, 5), (7, 1), (9, 8)),5,9	0	0		0
((2, 0), (4, 5), (7, 1), (9, 8)),6,1	-1	-2	-1	-1
((2, 0), (4, 5), (7, 1), (9, 8)),6,2		0	0	-1
((2, 0), (4, 5), (7, 1), (9, 8)),6,0	-1	-2	-1	
((2, 0), (4, 5), (7, 1), (9, 8)),6,3	0	0	0	0
((2, 0), (4, 5), (7, 1), (9, 8)),6,4		0	0	0
((2, 0), (4, 5), (7, 1), (9, 8)),6,5	0	0	0	0
((2, 0), (4, 5), (7, 1), (9, 8)),6,6	0		0	0
((2, 0), (4, 5), (7, 1), (9, 8)),6,7	0		0	0
((2, 0), (4, 5), (7, 1), (9, 8)),6,8	0		0	0
((2, 0), (4, 5), (7, 1), (9, 8)),6,9	0			0
((2, 0), (4, 5), (7, 1), (9, 8)),7,2	0		0	0
((2, 0), (4, 5), (7, 1), (9, 8)),7,0	-1	-1	225	
((2, 0), (4, 5), (7, 1), (9, 8)),7,3	0		0	0
((2, 0), (4, 5), (7, 1), (9, 8)),7,4	0		0	0
((2, 0), (4, 5), (7, 1), (9, 8)),7,5	0			0
((2, 0), (4, 5), (7, 1), (9, 8)),8,0	0	0		
((2, 0), (4, 5), (7, 1), (9, 8)),8,6		0	0	

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((2,0),(2,6),(4,5),(7,1),(9,8)),6,5	0	0	0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),6,6	0		0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),6,7	0		0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),6,8	0		0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),6,9	0			0
((2,0),(2,6),(4,5),(7,1),(9,8)),7,2	0		0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),7,0	0	0	0	
((2,0),(2,6),(4,5),(7,1),(9,8)),7,3	0		0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),7,4	0		0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),7,5	0			0
((2,0),(2,6),(4,5),(7,1),(9,8)),8,0	0	0		
((2,0),(2,6),(4,5),(7,1),(9,8)),8,6		0	0	
((2,0),(2,6),(4,5),(7,1),(9,8)),8,7			0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),8,8		0	0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),8,9		0		0
((2,0),(2,6),(4,5),(7,1),(9,8)),9,0	0		0	
((2,0),(2,6),(4,5),(7,1),(9,8)),9,1			0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),9,2			0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),9,3			0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),9,4			0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),9,5			0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),9,6	0			0
((2,0),(2,6),(4,5),(7,1),(9,8)),9,9	0			0
((2,0),(2,6),(4,5),(7,1),(9,8)),3,9	0	0		0
((2,0),(2,6),(4,5),(7,1),(9,8)),3,8	0		0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),3,7	0		0	
((2,0),(2,6),(4,5),(7,1),(9,8)),3,2	0			
((2,0),(2,6),(4,5),(7,1),(9,8)),2,9	0	0		0
((2,0),(2,6),(4,5),(7,1),(9,8)),2,8	0	0	0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),2,7	0	0	0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),2,4	0			0
((2,0),(2,6),(4,5),(7,1),(9,8)),2,3	0		0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),2,2	0	0	0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),2,1	0		0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),1,9	0	0		0
((2,0),(2,6),(4,5),(7,1),(9,8)),1,8	0	0	0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),1,7	0	0	0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),1,6	0	0	0	
((2,0),(2,6),(4,5),(7,1),(9,8)),1,4	0	0		0
((2,0),(2,6),(4,5),(7,1),(9,8)),1,3	0	0	0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),1,2	0	0	0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),1,1		0	0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),1,0	0	0	0	
((2,0),(2,6),(4,5),(7,1),(9,8)),0,9		0		0
((2,0),(2,6),(4,5),(7,1),(9,8)),0,8		0	0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),0,7		0	0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),0,6		0	0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),0,5			0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),0,4		0	0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),0,3		0	0	0
((2,0),(2,6),(4,5),(7,1),(9,8)),0,2		0	0	
((2,0),(2,6),(4,5),(7,1),(9,8)),0,0		0		
((1,3),(4,1),(4,5),(9,8)),7,1	-2		-2	-3
((1,3),(4,1),(4,5),(9,8)),7,2	-1		-1	-3
((1,3),(4,1),(4,5),(9,8)),7,0	-2	-4	-3	
((1,3),(4,1),(4,5),(9,8)),7,3	-2		-1	-2
((1,3),(4,1),(4,5),(9,8)),7,4	0		-1	-2
((1,3),(4,1),(4,5),(9,8)),7,5	-2			-1

((1, 3), (4, 1), (4, 5), (9, 8)),6,1	-1	-3	-3	-2
((1, 3), (4, 1), (4, 5), (9, 8)),6,2		-2	-2	-2
((1, 3), (4, 1), (4, 5), (9, 8)),6,0	-2	-3	-1	
((1, 3), (4, 1), (4, 5), (9, 8)),6,3	-1	-1	-1	-3
((1, 3), (4, 1), (4, 5), (9, 8)),6,4		0	-2	-2
((1, 3), (4, 1), (4, 5), (9, 8)),6,5	-1	-1	-2	-1
((1, 3), (4, 1), (4, 5), (9, 8)),6,6	-1		-2	-1
((1, 3), (4, 1), (4, 5), (9, 8)),6,7	-1		-2	-2
((1, 3), (4, 1), (4, 5), (9, 8)),6,8	-1		-1	-2
((1, 3), (4, 1), (4, 5), (9, 8)),6,9	-1			-2
((1, 3), (4, 1), (4, 5), (9, 8)),5,1	-1	-2		-1
((1, 3), (4, 1), (4, 5), (9, 8)),5,0	-1	-2	-2	
((1, 3), (4, 1), (4, 5), (9, 8)),5,3	0	-2		
((1, 3), (4, 1), (4, 5), (9, 8)),5,5	0	-2	0	
((1, 3), (4, 1), (4, 5), (9, 8)),5,6		-2	-2	0
((1, 3), (4, 1), (4, 5), (9, 8)),5,7		-2	-1	-1
((1, 3), (4, 1), (4, 5), (9, 8)),5,8		-2	0	-2
((1, 3), (4, 1), (4, 5), (9, 8)),5,9	-1	0		0
((1, 3), (4, 1), (4, 5), (9, 8)),8,0	-3	-5		
((1, 3), (4, 1), (4, 5), (9, 8)),8,6		-2	0	
((1, 3), (4, 1), (4, 5), (9, 8)),8,7			0	0
((1, 3), (4, 1), (4, 5), (9, 8)),8,8		0	0	0
((1, 3), (4, 1), (4, 5), (9, 8)),8,9		0		0
((1, 3), (4, 1), (4, 5), (9, 8)),9,0	-4		-6	
((1, 3), (4, 1), (4, 5), (9, 8)),9,1			-5	-5
((1, 3), (4, 1), (4, 5), (9, 8)),9,2			-4	-6
((1, 3), (4, 1), (4, 5), (9, 8)),9,3			-3	-5
((1, 3), (4, 1), (4, 5), (9, 8)),9,4			-3	-4
((1, 3), (4, 1), (4, 5), (9, 8)),9,5			-2	-4
((1, 3), (4, 1), (4, 5), (9, 8)),9,6	-1			-3
((1, 3), (4, 1), (4, 5), (9, 8)),9,9	0			0
((1, 3), (4, 1), (4, 5), (9, 8)),4,0		-1	-3	
((1, 3), (4, 1), (4, 5), (9, 8)),4,3		0		
((1, 3), (4, 1), (4, 5), (9, 8)),4,9	-1	0		
((1, 3), (4, 1), (4, 5), (9, 8)),3,9	-1	0		-1
((1, 3), (4, 1), (4, 5), (9, 8)),3,8	-1		-1	0
((1, 3), (4, 1), (4, 5), (9, 8)),3,7	0		-1	
((1, 3), (4, 1), (4, 5), (9, 8)),3,2	0			
((1, 3), (4, 1), (4, 5), (9, 8)),2,9	-1	-1		-1
((1, 3), (4, 1), (4, 5), (9, 8)),2,8	-1	-1	0	0
((1, 3), (4, 1), (4, 5), (9, 8)),2,7	-1	-1	0	0
((1, 3), (4, 1), (4, 5), (9, 8)),2,6	-1		0	
((1, 3), (4, 1), (4, 5), (9, 8)),2,4	-1			0
((1, 3), (4, 1), (4, 5), (9, 8)),2,3	0		0	0
((1, 3), (4, 1), (4, 5), (9, 8)),2,2	0	0	0	0
((1, 3), (4, 1), (4, 5), (9, 8)),2,0	0		0	
((1, 3), (4, 1), (4, 5), (9, 8)),2,1	0		0	0
((1, 3), (4, 1), (4, 5), (9, 8)),1,9	0	-1		0
((1, 3), (4, 1), (4, 5), (9, 8)),1,8	-1	0	0	-1
((1, 3), (4, 1), (4, 5), (9, 8)),1,7	-1	-1	0	-1
((1, 3), (4, 1), (4, 5), (9, 8)),1,6	0	-1	-1	
((1, 3), (4, 1), (4, 5), (9, 8)),1,4	0	-1		-7
((1, 3), (4, 1), (4, 5), (9, 8)),1,2	0	0	0	0
((1, 3), (4, 1), (4, 5), (9, 8)),1,1		0	0	0
((1, 3), (4, 1), (4, 5), (9, 8)),1,0	0	0	0	
((1, 3), (4, 1), (4, 5), (9, 8)),0,9		0		-1
((1, 3), (4, 1), (4, 5), (9, 8)),0,8		0	-1	-1
((1, 3), (4, 1), (4, 5), (9, 8)),0,7		-1	0	-1

((1, 3), (4, 1), (4, 5), (9, 8)),0,6		0	-1	-1
((1, 3), (4, 1), (4, 5), (9, 8)),0,5			0	-1
((1, 3), (4, 1), (4, 5), (9, 8)),0,4		-1	0	0
((1, 3), (4, 1), (4, 5), (9, 8)),0,3		0	0	0
((1, 3), (4, 1), (4, 5), (9, 8)),0,2		0	0	
((1, 3), (4, 1), (4, 5), (9, 8)),0,0		0		
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),7,1	-1		-1	-2
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),7,2	-1		-1	-2
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),7,0	-1	-1	-2	
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),7,3	-1		0	0
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),7,4	0		0	0
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),7,5	0			0
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),6,1	-1	-2	-1	-1
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),6,2		-2	-1	0
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),6,0	-1	-2	-1	
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),6,3	-2	0	-1	-1
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),6,4		0	0	-1
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),6,5	0	0	0	0
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),6,6	0		0	0
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),6,7	0		0	0
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),6,8	0		0	0
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),6,9	0			0
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),5,1	1	0		0
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),5,0	-1	0	0	
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),5,3	-3	-1		
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),5,5	0	0	0	
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),5,6		0	0	0
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),5,7		0	0	0
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),5,8		0	0	0
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),5,9	0	0		0
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),8,0	-2	-1		
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),8,6		0	0	
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),8,7			0	0
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),8,8		0	0	0
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),8,9		0		0
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),9,0	-2		-1	
((1, 3), (2, 6), (4, 1), (4, 5), (9, 8)),9,1			-2	-2
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((4, 1), (4, 5), (9, 8)),6,0	515608	948161	1404221	
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((4, 1), (4, 5), (9, 8)),6,4		373787	365209	464968
((4, 1), (4, 5), (9, 8)),6,5	218818	373786	218818	365210
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((4, 1), (4, 5), (9, 8)),6,7	120311		210318	210320
((4, 1), (4, 5), (9, 8)),6,8	120310		120310	210319
((4, 1), (4, 5), (9, 8)),6,9	120309			120311
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((4, 1), (4, 5), (9, 8)),5,7		210319	120310	145693
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((4, 1), (4, 5), (9, 8)),9,5			38268	43739
((4, 1), (4, 5), (9, 8)),9,6	25497			38269
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((4, 1), (4, 5), (9, 8)),2,8	9956	12858	12858	12856
((4, 1), (4, 5), (9, 8)),2,7	12855	12857	12857	12855
((4, 1), (4, 5), (9, 8)),2,6	12854		12856	
((4, 1), (4, 5), (9, 8)),2,4	9140			9138
((4, 1), (4, 5), (9, 8)),2,3	9139		9139	6077
((4, 1), (4, 5), (9, 8)),2,2	9138	6076	9138	6076
((4, 1), (4, 5), (9, 8)),2,0	6076		6076	
((4, 1), (4, 5), (9, 8)),2,1	6077		9137	6075
((4, 1), (4, 5), (9, 8)),1,9	12856	12858		9956
((4, 1), (4, 5), (9, 8)),1,8	12855	12857	9957	9955
((4, 1), (4, 5), (9, 8)),1,7	12854	12856	9956	12854
((4, 1), (4, 5), (9, 8)),1,6	9953	9955	12855	
((4, 1), (4, 5), (9, 8)),1,4	9141	9139		9139
((4, 1), (4, 5), (9, 8)),1,3	9140	9138	9140	9138
((4, 1), (4, 5), (9, 8)),1,2	9139	9137	9139	6077
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((4, 1), (4, 5), (9, 8)),1,0	6075	6075	6077	
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((4, 1), (4, 5), (9, 8)),0,8		12856	9956	9954
((4, 1), (4, 5), (9, 8)),0,7		12855	9955	9143
((4, 1), (4, 5), (9, 8)),0,6		9144	9954	9142
((4, 1), (4, 5), (9, 8)),0,5			9143	9141
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((4, 1), (4, 5), (9, 8)),0,3		9139	9141	9139
((4, 1), (4, 5), (9, 8)),0,2		9138	9140	
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((2, 6), (4, 1), (4, 5), (9, 8)),7,2	2300		2302	2300
((2, 6), (4, 1), (4, 5), (9, 8)),7,0	2298	2298	2300	
((2, 6), (4, 1), (4, 5), (9, 8)),7,3	2303		2303	2301
((2, 6), (4, 1), (4, 5), (9, 8)),7,4	2304		2304	2302
((2, 6), (4, 1), (4, 5), (9, 8)),7,5	2305			2303
((2, 6), (4, 1), (4, 5), (9, 8)),6,1	2298	2300	2300	2298
((2, 6), (4, 1), (4, 5), (9, 8)),6,2		2301	2301	2299
((2, 6), (4, 1), (4, 5), (9, 8)),6,0	1102	127	2299	
((2, 6), (4, 1), (4, 5), (9, 8)),6,3	2300	2302	6444	2300
((2, 6), (4, 1), (4, 5), (9, 8)),6,4		2303	6445	6443
((2, 6), (4, 1), (4, 5), (9, 8)),6,5	6446	2304	6444	6444
((2, 6), (4, 1), (4, 5), (9, 8)),6,6	6445		2303	6445
((2, 6), (4, 1), (4, 5), (9, 8)),6,7	379		377	6444
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((2, 6), (4, 1), (4, 5), (9, 8)),6,9	-2			377
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((2, 6), (4, 1), (4, 5), (9, 8)),8,8		107	12	12

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((2, 6), (4, 1), (4, 5), (9, 8)),9,0	2298		2296	
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((2, 6), (4, 1), (4, 5), (9, 8)),2,1	0		0	0
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((1, 3), (2, 0), (4, 1), (9, 8)),1,9	0	0		0
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((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),7,0	-1	0	-1	

((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),7,3	-2		-1	-2
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),7,4	-2		-1	-2
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),7,5	-1			0
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),6,1	0	-2	-2	0
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),6,2		-2	-2	-1
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),6,0	-1	0	-1	
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),6,3	-1	-1	-2	-2
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),6,4		-2	-2	-2
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),6,5	-2	-1	-1	-2
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),6,6	-1		0	-2
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),6,7	0		0	-1
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),6,8	-2		0	0
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),6,9	0			0
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),5,1	0	0		-2
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),5,0	0	-1	-1	
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),5,3	-1	-1		
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),5,5	-3	-1	-2	
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),5,6		-1	-2	-2
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),5,7		-1	-2	-1
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),5,8		-1	-1	-1
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),5,9	0	0		-1
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),8,0	0	0		
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((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),3,9	0	0		0
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),3,8	0		0	0
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),3,7	0		0	
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),3,2	0			
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),2,9	0	0		0
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),2,8	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),2,7	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),2,4	0			0
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((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),2,2	0	0	0	0
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((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),1,9	0	0		0
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((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),1,2	0	0	0	0
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((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),0,7		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),0,6		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),0,5			0	0
((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),0,4		0	0	0
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((1, 3), (2, 0), (2, 6), (4, 1), (9, 8)),0,0		0		
((2, 0), (4, 1), (9, 8)),7,1	808		806	806
((2, 0), (4, 1), (9, 8)),7,2	807		805	807
((2, 0), (4, 1), (9, 8)),7,0	3086	805	807	
((2, 0), (4, 1), (9, 8)),7,3	806		804	-5
((2, 0), (4, 1), (9, 8)),7,4	178		176	805
((2, 0), (4, 1), (9, 8)),7,5	177			804
((2, 0), (4, 1), (9, 8)),6,1	3086	807	807	807
((2, 0), (4, 1), (9, 8)),6,2		806	806	808
((2, 0), (4, 1), (9, 8)),6,0	3087	3085	808	
((2, 0), (4, 1), (9, 8)),6,3	178	178	805	807
((2, 0), (4, 1), (9, 8)),6,4		804	177	806
((2, 0), (4, 1), (9, 8)),6,5	176	176	176	178
((2, 0), (4, 1), (9, 8)),6,6	175		175	177
((2, 0), (4, 1), (9, 8)),6,7	174		174	176
((2, 0), (4, 1), (9, 8)),6,8	173		173	175
((2, 0), (4, 1), (9, 8)),6,9	172			174
((2, 0), (4, 1), (9, 8)),5,1	3089	808		3087
((2, 0), (4, 1), (9, 8)),5,0	3088	3086	809	
((2, 0), (4, 1), (9, 8)),5,3	177	806		
((2, 0), (4, 1), (9, 8)),5,5	175	177	175	
((2, 0), (4, 1), (9, 8)),5,6		176	174	176
((2, 0), (4, 1), (9, 8)),5,7		175	173	175
((2, 0), (4, 1), (9, 8)),5,8		174	172	174
((2, 0), (4, 1), (9, 8)),5,9	171	173		173
((2, 0), (4, 1), (9, 8)),8,0	806	-5		
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((2, 0), (4, 1), (9, 8)),9,5			-3	-5
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((2, 0), (4, 1), (9, 8)),9,9	7			79
((2, 0), (4, 1), (9, 8)),4,0		3087	3089	
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((2, 0), (4, 1), (9, 8)),3,5		175		
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((2, 0), (4, 1), (9, 8)),3,8	-4		-4	-2
((2, 0), (4, 1), (9, 8)),3,7	-2		-3	
((2, 0), (4, 1), (9, 8)),3,2	-1			
((2, 0), (4, 1), (9, 8)),2,9	-3	-4		-2
((2, 0), (4, 1), (9, 8)),2,8	-3	-3	-3	-3
((2, 0), (4, 1), (9, 8)),2,7	-3	-2	-2	-3

((2, 0), (4, 1), (9, 8)),2,6	-3		-2	
((2, 0), (4, 1), (9, 8)),2,4	0			-1
((2, 0), (4, 1), (9, 8)),2,3	0		-1	-1
((2, 0), (4, 1), (9, 8)),2,2	-1	-2	0	0
((2, 0), (4, 1), (9, 8)),2,1	0		0	0
((2, 0), (4, 1), (9, 8)),1,9	-3	-2		-2
((2, 0), (4, 1), (9, 8)),1,8	-3	-3	-2	-3
((2, 0), (4, 1), (9, 8)),1,7	-3	-2	-3	-2
((2, 0), (4, 1), (9, 8)),1,6	-2	-3	-3	
((2, 0), (4, 1), (9, 8)),1,4	0	-1		0
((2, 0), (4, 1), (9, 8)),1,3	-1	0	-1	-1
((2, 0), (4, 1), (9, 8)),1,2	-1	0	-1	-1
((2, 0), (4, 1), (9, 8)),1,1		0	0	-1
((2, 0), (4, 1), (9, 8)),1,0	0	2308	0	
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((2, 0), (4, 1), (9, 8)),0,7		-3	-2	-2
((2, 0), (4, 1), (9, 8)),0,6		-3	-2	-2
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((2, 0), (4, 1), (9, 8)),0,4		0	-1	-1
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((2, 0), (2, 6), (4, 1), (9, 8)),7,1	-1		-1	-1
((2, 0), (2, 6), (4, 1), (9, 8)),7,2	-1		0	0
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((2, 0), (2, 6), (4, 1), (9, 8)),7,3	0		0	0
((2, 0), (2, 6), (4, 1), (9, 8)),7,4	0		0	0
((2, 0), (2, 6), (4, 1), (9, 8)),7,5	0			0
((2, 0), (2, 6), (4, 1), (9, 8)),6,1	-1	-1	-1	-1
((2, 0), (2, 6), (4, 1), (9, 8)),6,2		0	-1	-1
((2, 0), (2, 6), (4, 1), (9, 8)),6,0	-1	0	-1	
((2, 0), (2, 6), (4, 1), (9, 8)),6,3	0	0	0	-1
((2, 0), (2, 6), (4, 1), (9, 8)),6,4		0	0	0
((2, 0), (2, 6), (4, 1), (9, 8)),6,5	0	0	0	0
((2, 0), (2, 6), (4, 1), (9, 8)),6,6	0		0	0
((2, 0), (2, 6), (4, 1), (9, 8)),6,7	0		0	0
((2, 0), (2, 6), (4, 1), (9, 8)),6,8	0		0	0
((2, 0), (2, 6), (4, 1), (9, 8)),6,9	0			0
((2, 0), (2, 6), (4, 1), (9, 8)),5,1	1	0		-1
((2, 0), (2, 6), (4, 1), (9, 8)),5,0	0	-1	-1	
((2, 0), (2, 6), (4, 1), (9, 8)),5,3	0	0		
((2, 0), (2, 6), (4, 1), (9, 8)),5,5	0	0	0	
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((2, 0), (2, 6), (4, 1), (9, 8)),5,8		0	0	0
((2, 0), (2, 6), (4, 1), (9, 8)),5,9	0	0		0
((2, 0), (2, 6), (4, 1), (9, 8)),8,0	-1	-1		
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((2, 0), (2, 6), (4, 1), (9, 8)),8,7			-1	-2
((2, 0), (2, 6), (4, 1), (9, 8)),8,8		1	-1	-1
((2, 0), (2, 6), (4, 1), (9, 8)),8,9		0		-1
((2, 0), (2, 6), (4, 1), (9, 8)),9,0	0		-1	
((2, 0), (2, 6), (4, 1), (9, 8)),9,1			-1	0
((2, 0), (2, 6), (4, 1), (9, 8)),9,2			-1	0
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((2, 0), (2, 6), (4, 1), (9, 8)),9,5			-4	-2

((2, 0), (2, 6), (4, 1), (9, 8)),9,6	-3			-3
((2, 0), (2, 6), (4, 1), (9, 8)),9,9	0			0
((2, 0), (2, 6), (4, 1), (9, 8)),4,0		0	0	
((2, 0), (2, 6), (4, 1), (9, 8)),4,5	0	0		
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((2, 0), (2, 6), (4, 1), (9, 8)),4,9	0	0		
((2, 0), (2, 6), (4, 1), (9, 8)),3,5		0		
((2, 0), (2, 6), (4, 1), (9, 8)),3,9	0	0		0
((2, 0), (2, 6), (4, 1), (9, 8)),3,8	0		0	0
((2, 0), (2, 6), (4, 1), (9, 8)),3,7	0		0	
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((2, 0), (2, 6), (4, 1), (9, 8)),2,9	0	0		0
((2, 0), (2, 6), (4, 1), (9, 8)),2,8	0	0	0	0
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((2, 0), (2, 6), (4, 1), (9, 8)),2,3	0		0	0
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((2, 0), (2, 6), (4, 1), (9, 8)),2,1	0		0	0
((2, 0), (2, 6), (4, 1), (9, 8)),1,9	0	0		0
((2, 0), (2, 6), (4, 1), (9, 8)),1,8	0	0	0	0
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((2, 0), (2, 6), (4, 1), (9, 8)),1,4	0	0		0
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((1, 3), (4, 5), (7, 1), (9, 8)),5,9	0	0		0
((1, 3), (4, 5), (7, 1), (9, 8)),6,1	0	0	-1	0
((1, 3), (4, 5), (7, 1), (9, 8)),6,2		-1	-1	-1
((1, 3), (4, 5), (7, 1), (9, 8)),6,0	0	0	0	
((1, 3), (4, 5), (7, 1), (9, 8)),6,3	-1	-1	-1	-1
((1, 3), (4, 5), (7, 1), (9, 8)),6,4		-1	-1	-1
((1, 3), (4, 5), (7, 1), (9, 8)),6,5	0	0	0	-1
((1, 3), (4, 5), (7, 1), (9, 8)),6,6	0		0	0
((1, 3), (4, 5), (7, 1), (9, 8)),6,7	0		0	0
((1, 3), (4, 5), (7, 1), (9, 8)),6,8	0		0	0
((1, 3), (4, 5), (7, 1), (9, 8)),6,9	0			0

((1, 3), (4, 5), (7, 1), (9, 8)),7,2	-1		0	1
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((1, 3), (4, 5), (7, 1), (9, 8)),7,3	0		0	-1
((1, 3), (4, 5), (7, 1), (9, 8)),7,4	-1		-1	0
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((1, 3), (4, 5), (7, 1), (9, 8)),2,1	0		0	0
((1, 3), (4, 5), (7, 1), (9, 8)),1,9	0	0		0
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[illegible]

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((4, 5), (7, 1), (9, 8)),5,9	-3	-4		-4
((4, 5), (7, 1), (9, 8)),6,1	19556	66579	16894	22221
((4, 5), (7, 1), (9, 8)),6,2		16895	13952	16895
((4, 5), (7, 1), (9, 8)),6,0	16893	28379	27571	
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((4, 5), (7, 1), (9, 8)),6,4		-3	4482	13952
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((4, 5), (7, 1), (9, 8)),6,6	988		-2	-3
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((4, 5), (7, 1), (9, 8)),6,9	-4			-3
((4, 5), (7, 1), (9, 8)),7,2	16894		16894	16896
((4, 5), (7, 1), (9, 8)),7,0	28378	22221	28380	
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((4, 5), (7, 1), (9, 8)),3,7	-2		-1	
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((4, 5), (7, 1), (9, 8)),2,8	-1	-1	-2	-2
((4, 5), (7, 1), (9, 8)),2,7	-2	-1	-2	-2
((4, 5), (7, 1), (9, 8)),2,6	-2		-2	
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((4, 5), (7, 1), (9, 8)),2,1	0		0	0
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((4, 5), (7, 1), (9, 8)),1,8	-3	-2	-1	-2
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((4, 5), (7, 1), (9, 8)),1,6	-3	-2	-2	

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((1, 3), (2, 0), (7, 1), (9, 8)),6,6	0		0	0

((1, 3), (2, 0), (7, 1), (9, 8)),6,7	0		0	0
((1, 3), (2, 0), (7, 1), (9, 8)),6,8	0		0	0
((1, 3), (2, 0), (7, 1), (9, 8)),6,9	0			0
((1, 3), (2, 0), (7, 1), (9, 8)),7,2	0		0	0
((1, 3), (2, 0), (7, 1), (9, 8)),7,0	0	0	0	
((1, 3), (2, 0), (7, 1), (9, 8)),7,3	0		0	0
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[illegible]

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((2, 0), (4, 5), (9, 8)),4,0		798	798	
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((2, 0), (4, 5), (9, 8)),5,0	797	799	799	
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((2, 0), (4, 5), (9, 8)),5,7		802	-1	804
((2, 0), (4, 5), (9, 8)),5,8		801	-2	0
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((2, 0), (4, 5), (9, 8)),7,1	800		800	798
((2, 0), (4, 5), (9, 8)),7,2	801		801	799
((2, 0), (4, 5), (9, 8)),7,0	799	797	799	
((2, 0), (4, 5), (9, 8)),7,3	802		802	800
((2, 0), (4, 5), (9, 8)),7,4	803		803	801
((2, 0), (4, 5), (9, 8)),7,5	804			802
((2, 0), (4, 5), (9, 8)),6,1	799	799	801	799
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((2, 0), (4, 5), (9, 8)),6,0	798	798	800	
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((2, 0), (4, 5), (9, 8)),6,5	3084	803	803	803
((2, 0), (4, 5), (9, 8)),6,6	804		802	804
((2, 0), (4, 5), (9, 8)),6,7	803		801	803
((2, 0), (4, 5), (9, 8)),6,8	800		-1	802
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((2, 0), (4, 5), (9, 8)),8,8		671	21	512
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((2, 0), (4, 5), (9, 8)),9,0	797		795	
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((2, 0), (4, 5), (9, 8)),9,2			793	795
((2, 0), (4, 5), (9, 8)),9,3			792	794
((2, 0), (4, 5), (9, 8)),9,4			791	793
((2, 0), (4, 5), (9, 8)),9,5			790	792
((2, 0), (4, 5), (9, 8)),9,6	789			791
((2, 0), (4, 5), (9, 8)),9,9	14			640
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((2, 0), (4, 5), (9, 8)),2,8	-5	-5	-4	-4
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((2, 0), (4, 5), (9, 8)),1,3	-1	-1	-1	0
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((2, 0), (7, 1), (9, 8)),7,0	811	0	813	
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((2, 0), (7, 1), (9, 8)),3,9	0	0		0
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((2, 0), (2, 6), (4, 5), (9, 8)),3,7	0		-1	
((2, 0), (2, 6), (4, 5), (9, 8)),3,2	0			
((2, 0), (2, 6), (4, 5), (9, 8)),2,9	-1	-1		-1
((2, 0), (2, 6), (4, 5), (9, 8)),2,8	-1	-1	0	-1
((2, 0), (2, 6), (4, 5), (9, 8)),2,7	0	0	-1	0
((2, 0), (2, 6), (4, 5), (9, 8)),2,4	0			0
((2, 0), (2, 6), (4, 5), (9, 8)),2,3	0		0	0
((2, 0), (2, 6), (4, 5), (9, 8)),2,2	0	0	0	0
((2, 0), (2, 6), (4, 5), (9, 8)),2,1	0		0	0
((2, 0), (2, 6), (4, 5), (9, 8)),1,9	0	-1		-1
((2, 0), (2, 6), (4, 5), (9, 8)),1,8	-1	0	0	-1
((2, 0), (2, 6), (4, 5), (9, 8)),1,7	0	0	0	-1
((2, 0), (2, 6), (4, 5), (9, 8)),1,6	0	1	0	
((2, 0), (2, 6), (4, 5), (9, 8)),1,4	0	0		0
((2, 0), (2, 6), (4, 5), (9, 8)),1,3	0	0	0	0
((2, 0), (2, 6), (4, 5), (9, 8)),1,2	0	0	0	0
((2, 0), (2, 6), (4, 5), (9, 8)),1,1		0	0	0
((2, 0), (2, 6), (4, 5), (9, 8)),1,0	0	0	0	
((2, 0), (2, 6), (4, 5), (9, 8)),0,9		-1		0
((2, 0), (2, 6), (4, 5), (9, 8)),0,8		0	-1	-1
((2, 0), (2, 6), (4, 5), (9, 8)),0,7		0	-1	-1
((2, 0), (2, 6), (4, 5), (9, 8)),0,6		0	-1	-1
((2, 0), (2, 6), (4, 5), (9, 8)),0,5			-1	0
((2, 0), (2, 6), (4, 5), (9, 8)),0,4		0	0	0
((2, 0), (2, 6), (4, 5), (9, 8)),0,3		0	0	0
((2, 0), (2, 6), (4, 5), (9, 8)),0,2		0	0	
((2, 0), (2, 6), (4, 5), (9, 8)),0,0		0		
((2, 0), (2, 6), (7, 1), (9, 8)),4,1		0		0
((2, 0), (2, 6), (7, 1), (9, 8)),4,0		0	0	
((2, 0), (2, 6), (7, 1), (9, 8)),4,5	0	0		

((2, 0), (2, 6), (7, 1), (9, 8)),4,3		0		
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((2, 0), (2, 6), (7, 1), (9, 8)),5,0	0	0	0	
((2, 0), (2, 6), (7, 1), (9, 8)),5,3	0	0		
((2, 0), (2, 6), (7, 1), (9, 8)),5,5	0	0	0	
((2, 0), (2, 6), (7, 1), (9, 8)),5,6		0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),5,7		0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),5,8		0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),5,9	0	0		0
((2, 0), (2, 6), (7, 1), (9, 8)),6,1	0	0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),6,2		0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),6,0	0	0	0	
((2, 0), (2, 6), (7, 1), (9, 8)),6,3	0	0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),6,4		0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),6,5	0	0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),6,6	0		0	0
((2, 0), (2, 6), (7, 1), (9, 8)),6,7	0		0	0
((2, 0), (2, 6), (7, 1), (9, 8)),6,8	0		0	0
((2, 0), (2, 6), (7, 1), (9, 8)),6,9	0			0
((2, 0), (2, 6), (7, 1), (9, 8)),7,2	0		0	0
((2, 0), (2, 6), (7, 1), (9, 8)),7,0	0	0	0	
((2, 0), (2, 6), (7, 1), (9, 8)),7,3	0		0	0
((2, 0), (2, 6), (7, 1), (9, 8)),7,4	0		0	0
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((2, 0), (2, 6), (7, 1), (9, 8)),8,7			0	0
((2, 0), (2, 6), (7, 1), (9, 8)),8,8		0	0	0
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((2, 0), (2, 6), (7, 1), (9, 8)),9,0	0		0	
((2, 0), (2, 6), (7, 1), (9, 8)),9,1			0	0
((2, 0), (2, 6), (7, 1), (9, 8)),9,2			0	0
((2, 0), (2, 6), (7, 1), (9, 8)),9,3			0	0
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((2, 0), (2, 6), (7, 1), (9, 8)),9,5			0	0
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((2, 0), (2, 6), (7, 1), (9, 8)),9,9	0			0
((2, 0), (2, 6), (7, 1), (9, 8)),3,5		0		
((2, 0), (2, 6), (7, 1), (9, 8)),3,9	0	0		0
((2, 0), (2, 6), (7, 1), (9, 8)),3,8	0		0	0
((2, 0), (2, 6), (7, 1), (9, 8)),3,7	0		0	
((2, 0), (2, 6), (7, 1), (9, 8)),3,2	0			
((2, 0), (2, 6), (7, 1), (9, 8)),2,9	0	0		0
((2, 0), (2, 6), (7, 1), (9, 8)),2,8	0	0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),2,7	0	0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),2,4	0			0
((2, 0), (2, 6), (7, 1), (9, 8)),2,3	0		0	0
((2, 0), (2, 6), (7, 1), (9, 8)),2,2	0	0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),2,1	0		0	0
((2, 0), (2, 6), (7, 1), (9, 8)),1,9	0	0		0
((2, 0), (2, 6), (7, 1), (9, 8)),1,8	0	0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),1,7	0	0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),1,6	0	0	0	
((2, 0), (2, 6), (7, 1), (9, 8)),1,4	0	0		0
((2, 0), (2, 6), (7, 1), (9, 8)),1,3	0	0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),1,2	0	0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),1,1		0	0	0

((2, 0), (2, 6), (7, 1), (9, 8)),1,0	0	0	0	
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((2, 0), (2, 6), (7, 1), (9, 8)),0,8		0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),0,7		0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),0,6		0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),0,5			0	0
((2, 0), (2, 6), (7, 1), (9, 8)),0,4		0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),0,3		0	0	0
((2, 0), (2, 6), (7, 1), (9, 8)),0,2		0	0	
((2, 0), (2, 6), (7, 1), (9, 8)),0,0		0		
((1, 3), (4, 1), (9, 8)),7,1	-2		-1	-1
((1, 3), (4, 1), (9, 8)),7,2	-1		0	-1
((1, 3), (4, 1), (9, 8)),7,0	-1	-2	-2	
((1, 3), (4, 1), (9, 8)),7,3	0		0	-1
((1, 3), (4, 1), (9, 8)),7,4	0		-1	-1
((1, 3), (4, 1), (9, 8)),7,5	0			-1
((1, 3), (4, 1), (9, 8)),6,1	-1	-2	-1	-1
((1, 3), (4, 1), (9, 8)),6,2		-1	-1	-2
((1, 3), (4, 1), (9, 8)),6,0	-1	-2	-2	
((1, 3), (4, 1), (9, 8)),6,3	-1	-1	-1	-1
((1, 3), (4, 1), (9, 8)),6,4		-1	0	0
((1, 3), (4, 1), (9, 8)),6,5	0	0	0	0
((1, 3), (4, 1), (9, 8)),6,6	0		0	0
((1, 3), (4, 1), (9, 8)),6,7	0		0	0
((1, 3), (4, 1), (9, 8)),6,8	0		0	0
((1, 3), (4, 1), (9, 8)),6,9	0			0
((1, 3), (4, 1), (9, 8)),5,1	-13	-2		-1
((1, 3), (4, 1), (9, 8)),5,0	0	0	-2	
((1, 3), (4, 1), (9, 8)),5,3	-2	-1		
((1, 3), (4, 1), (9, 8)),5,5	0	0	0	
((1, 3), (4, 1), (9, 8)),5,6		0	0	0
((1, 3), (4, 1), (9, 8)),5,7		0	0	0
((1, 3), (4, 1), (9, 8)),5,8		0	0	0
((1, 3), (4, 1), (9, 8)),5,9	0	0		0
((1, 3), (4, 1), (9, 8)),8,0	-2	-1		
((1, 3), (4, 1), (9, 8)),8,6		0	0	
((1, 3), (4, 1), (9, 8)),8,7			0	0
((1, 3), (4, 1), (9, 8)),8,8		0	0	0
((1, 3), (4, 1), (9, 8)),8,9		0		0
((1, 3), (4, 1), (9, 8)),9,0	-2		0	
((1, 3), (4, 1), (9, 8)),9,1			0	0
((1, 3), (4, 1), (9, 8)),9,2			0	0
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((1, 3), (4, 1), (9, 8)),9,5			0	0
((1, 3), (4, 1), (9, 8)),9,6	0			0
((1, 3), (4, 1), (9, 8)),9,9	0			0
((1, 3), (4, 1), (9, 8)),4,0		0	0	
((1, 3), (4, 1), (9, 8)),4,5	0	0		
((1, 3), (4, 1), (9, 8)),4,3		-1		
((1, 3), (4, 1), (9, 8)),4,9	0	0		
((1, 3), (4, 1), (9, 8)),3,5		0		
((1, 3), (4, 1), (9, 8)),3,9	0	0		0
((1, 3), (4, 1), (9, 8)),3,8	0		0	0
((1, 3), (4, 1), (9, 8)),3,7	0		0	
((1, 3), (4, 1), (9, 8)),3,2	0			
((1, 3), (4, 1), (9, 8)),2,9	0	0		0
((1, 3), (4, 1), (9, 8)),2,8	0	0	0	0

((1, 3), (4, 1), (9, 8)),2,7	0	0	0	0
((1, 3), (4, 1), (9, 8)),2,6	0		0	
((1, 3), (4, 1), (9, 8)),2,4	0			0
((1, 3), (4, 1), (9, 8)),2,3	0		0	0
((1, 3), (4, 1), (9, 8)),2,2	0	0	0	0
((1, 3), (4, 1), (9, 8)),2,0	0		0	
((1, 3), (4, 1), (9, 8)),2,1	0		0	0
((1, 3), (4, 1), (9, 8)),1,9	0	0		0
((1, 3), (4, 1), (9, 8)),1,8	0	0	0	0
((1, 3), (4, 1), (9, 8)),1,7	0	0	0	0
((1, 3), (4, 1), (9, 8)),1,6	0	0	0	
((1, 3), (4, 1), (9, 8)),1,4	0	0		0
((1, 3), (4, 1), (9, 8)),1,2	0	0	0	0
((1, 3), (4, 1), (9, 8)),1,1		0	0	0
((1, 3), (4, 1), (9, 8)),1,0	0	0	0	
((1, 3), (4, 1), (9, 8)),0,9		0		0
((1, 3), (4, 1), (9, 8)),0,8		0	0	0
((1, 3), (4, 1), (9, 8)),0,7		0	0	0
((1, 3), (4, 1), (9, 8)),0,6		0	0	0
((1, 3), (4, 1), (9, 8)),0,5			0	0
((1, 3), (4, 1), (9, 8)),0,4		0	0	0
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((1, 3), (2, 6), (4, 1), (9, 8)),7,1	-1		0	0
((1, 3), (2, 6), (4, 1), (9, 8)),7,2	-1		-1	0
((1, 3), (2, 6), (4, 1), (9, 8)),7,0	0	0	0	
((1, 3), (2, 6), (4, 1), (9, 8)),7,3	-1		-1	-1
((1, 3), (2, 6), (4, 1), (9, 8)),7,4	-1		-1	-2
((1, 3), (2, 6), (4, 1), (9, 8)),7,5	0			-2
((1, 3), (2, 6), (4, 1), (9, 8)),6,1	0	0	-1	-1
((1, 3), (2, 6), (4, 1), (9, 8)),6,2		0	-1	-1
((1, 3), (2, 6), (4, 1), (9, 8)),6,0	-1	0	0	
((1, 3), (2, 6), (4, 1), (9, 8)),6,3	-1	-1	-1	0
((1, 3), (2, 6), (4, 1), (9, 8)),6,4		-2	-1	-1
((1, 3), (2, 6), (4, 1), (9, 8)),6,5	0	-1	-1	0
((1, 3), (2, 6), (4, 1), (9, 8)),6,6	-1		0	0
((1, 3), (2, 6), (4, 1), (9, 8)),6,7	0		0	0
((1, 3), (2, 6), (4, 1), (9, 8)),6,8	0		0	0
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((1, 3), (2, 6), (4, 1), (9, 8)),5,1	1	0		0
((1, 3), (2, 6), (4, 1), (9, 8)),5,0	0	0	-1	
((1, 3), (2, 6), (4, 1), (9, 8)),5,3	0	-1		
((1, 3), (2, 6), (4, 1), (9, 8)),5,5	0	-1	0	
((1, 3), (2, 6), (4, 1), (9, 8)),5,6		0	0	-1
((1, 3), (2, 6), (4, 1), (9, 8)),5,7		0	0	0
((1, 3), (2, 6), (4, 1), (9, 8)),5,8		0	0	0
((1, 3), (2, 6), (4, 1), (9, 8)),5,9	0	0		0
((1, 3), (2, 6), (4, 1), (9, 8)),8,0	0	0		
((1, 3), (2, 6), (4, 1), (9, 8)),8,6		0	0	
((1, 3), (2, 6), (4, 1), (9, 8)),8,7			0	0
((1, 3), (2, 6), (4, 1), (9, 8)),8,8		0	0	0
((1, 3), (2, 6), (4, 1), (9, 8)),8,9		0		0
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((1, 3), (2, 6), (4, 1), (9, 8)),9,1			0	0
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((1, 3), (2, 6), (4, 1), (9, 8)),9,9	0			0
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((1, 3), (2, 6), (4, 1), (9, 8)),3,9	0	0		0
((1, 3), (2, 6), (4, 1), (9, 8)),3,8	0		0	0
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((1, 3), (2, 6), (4, 1), (9, 8)),3,2	0			
((1, 3), (2, 6), (4, 1), (9, 8)),2,9	0	0		0
((1, 3), (2, 6), (4, 1), (9, 8)),2,8	0	0	0	0
((1, 3), (2, 6), (4, 1), (9, 8)),2,7	0	0	0	0
((1, 3), (2, 6), (4, 1), (9, 8)),2,4	0			0
((1, 3), (2, 6), (4, 1), (9, 8)),2,3	0		0	0
((1, 3), (2, 6), (4, 1), (9, 8)),2,2	0	0	0	0
((1, 3), (2, 6), (4, 1), (9, 8)),2,0	0		0	
((1, 3), (2, 6), (4, 1), (9, 8)),2,1	0		0	0
((1, 3), (2, 6), (4, 1), (9, 8)),1,9	0	0		0
((1, 3), (2, 6), (4, 1), (9, 8)),1,8	0	0	0	0
((1, 3), (2, 6), (4, 1), (9, 8)),1,7	0	0	0	0
((1, 3), (2, 6), (4, 1), (9, 8)),1,6	0	0	0	
((1, 3), (2, 6), (4, 1), (9, 8)),1,4	0	0		0
((1, 3), (2, 6), (4, 1), (9, 8)),1,2	0	0	0	0
((1, 3), (2, 6), (4, 1), (9, 8)),1,1		0	0	0
((1, 3), (2, 6), (4, 1), (9, 8)),1,0	0	0	0	
((1, 3), (2, 6), (4, 1), (9, 8)),0,9		0		0
((1, 3), (2, 6), (4, 1), (9, 8)),0,8		0	0	0
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((1, 3), (2, 6), (4, 1), (9, 8)),0,6		0	0	0
((1, 3), (2, 6), (4, 1), (9, 8)),0,5			0	0
((1, 3), (2, 6), (4, 1), (9, 8)),0,4		0	0	0
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((1, 3), (2, 6), (4, 1), (9, 8)),0,2		0	0	
((1, 3), (2, 6), (4, 1), (9, 8)),0,0		0		
((4, 1), (9, 8)),7,1	20215		20215	20217
((4, 1), (9, 8)),7,2	20214		20214	20216
((4, 1), (9, 8)),7,0	20216	20218	20216	
((4, 1), (9, 8)),7,3	20213		20213	20215
((4, 1), (9, 8)),7,4	20212		20212	20214
((4, 1), (9, 8)),7,5	20211			20213
((4, 1), (9, 8)),6,1	20214	20216	20214	20216
((4, 1), (9, 8)),6,2		20215	20213	20215
((4, 1), (9, 8)),6,0	20215	20217	20215	
((4, 1), (9, 8)),6,3	20212	20214	20212	20214
((4, 1), (9, 8)),6,4		20213	20211	20213
((4, 1), (9, 8)),6,5	20210	20212	20210	20212
((4, 1), (9, 8)),6,6	20209		20209	20211
((4, 1), (9, 8)),6,7	20208		20208	20210
((4, 1), (9, 8)),6,8	20207		20207	20209
((4, 1), (9, 8)),6,9	20206			20208
((4, 1), (9, 8)),5,1	2954	20215		20215
((4, 1), (9, 8)),5,0	20214	20216	20214	
((4, 1), (9, 8)),5,3	20211	20213		
((4, 1), (9, 8)),5,5	20209	20211	20209	
((4, 1), (9, 8)),5,6		20210	20208	20210

((4, 1), (9, 8)),5,7		20209	20207	20209
((4, 1), (9, 8)),5,8		20208	20206	20208
((4, 1), (9, 8)),5,9	20205	20207		20207
((4, 1), (9, 8)),8,0	20217	20219		
((4, 1), (9, 8)),8,6		20253	20367	
((4, 1), (9, 8)),8,7			20795	20226
((4, 1), (9, 8)),8,8		20990	19802	20227
((4, 1), (9, 8)),8,9		19810		19803
((4, 1), (9, 8)),9,0	20218		20220	
((4, 1), (9, 8)),9,1			20221	20219
((4, 1), (9, 8)),9,2			20222	20220
((4, 1), (9, 8)),9,3			20223	20221
((4, 1), (9, 8)),9,4			20224	20222
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((4, 1), (9, 8)),9,6	20254			20224
((4, 1), (9, 8)),9,9	19809			19510
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((4, 1), (9, 8)),3,8	20202		20204	20202
((4, 1), (9, 8)),3,7	20201		20203	
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((4, 1), (9, 8)),2,8	20201	20203	20203	20201
((4, 1), (9, 8)),2,7	20200	20202	20202	20200
((4, 1), (9, 8)),2,6	20199		20201	
((4, 1), (9, 8)),2,4	20195			20193
((4, 1), (9, 8)),2,3	20194		20194	20192
((4, 1), (9, 8)),2,2	20193	20191	20193	20191
((4, 1), (9, 8)),2,0	20191		20191	
((4, 1), (9, 8)),2,1	20192		20192	20190
((4, 1), (9, 8)),1,9	20201	20203		20201
((4, 1), (9, 8)),1,8	20200	20202	20202	20200
((4, 1), (9, 8)),1,7	20199	20201	20201	20199
((4, 1), (9, 8)),1,6	20198	20200	20200	
((4, 1), (9, 8)),1,4	20196	20194		20194
((4, 1), (9, 8)),1,3	20195	20193	20195	20193
((4, 1), (9, 8)),1,2	20194	20192	20194	20192
((4, 1), (9, 8)),1,1		20191	20193	20191
((4, 1), (9, 8)),1,0	20190	20190	20192	
((4, 1), (9, 8)),0,9		20202		20200
((4, 1), (9, 8)),0,8		20201	20201	20199
((4, 1), (9, 8)),0,7		20200	20200	20198
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((4, 1), (9, 8)),0,5			20198	20196
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((7, 1), (9, 8)),6,4		2723	2098	2618
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((2, 0), (9, 8)),6,0	3089	3091	3089	
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((2, 0), (9, 8)),9,0	3092		3094	
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((2, 0), (9, 8)),9,3			3755	3095
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((2, 0), (9, 8)),9,9	5290			5432
((2, 0), (9, 8)),3,5		3083		
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((2, 0), (9, 8)),3,7	3075		3077	
((2, 0), (9, 8)),3,2	1627			
((2, 0), (9, 8)),2,9	3076	3078		3076
((2, 0), (9, 8)),2,8	3075	3077	3077	3075
((2, 0), (9, 8)),2,7	3074	3076	3076	3074
((2, 0), (9, 8)),2,6	3073		3075	
((2, 0), (9, 8)),2,4	3069			3067
((2, 0), (9, 8)),2,3	3068		3066	3066
((2, 0), (9, 8)),2,2	3067	1626	3067	3065
((2, 0), (9, 8)),2,1	3066		3066	2308
((2, 0), (9, 8)),1,9	3075	3077		3075
((2, 0), (9, 8)),1,8	3074	3076	3076	3074
((2, 0), (9, 8)),1,7	3073	3075	3075	3073
((2, 0), (9, 8)),1,6	3072	3074	3074	
((2, 0), (9, 8)),1,4	3070	3068		3068
((2, 0), (9, 8)),1,3	3069	3067	3069	3067
((2, 0), (9, 8)),1,2	3068	3066	3068	3066
((2, 0), (9, 8)),1,1		3065	3067	3065
((2, 0), (9, 8)),1,0	234	2651	3066	
((2, 0), (9, 8)),0,9		3076		3074
((2, 0), (9, 8)),0,8		3075	3075	3073
((2, 0), (9, 8)),0,7		3074	3074	3072
((2, 0), (9, 8)),0,6		3073	3073	3071
((2, 0), (9, 8)),0,5			3072	3070
((2, 0), (9, 8)),0,4		3069	3071	3069
((2, 0), (9, 8)),0,3		3068	3070	3066
((2, 0), (9, 8)),0,2		3067	3069	
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((2, 0), (2, 6), (9, 8)),6,5	-1	-3	-1	-2
((2, 0), (2, 6), (9, 8)),6,6	-1		-1	-2
((2, 0), (2, 6), (9, 8)),6,7	-1		0	-1
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((2, 0), (2, 6), (9, 8)),2,4	0			0
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((2, 0), (2, 6), (9, 8)),2,1	0		0	0
((2, 0), (2, 6), (9, 8)),1,9	0	0		0
((2, 0), (2, 6), (9, 8)),1,8	0	0	0	-1
((2, 0), (2, 6), (9, 8)),1,7	0	-1	0	-1
((2, 0), (2, 6), (9, 8)),1,6	0	0	-1	
((2, 0), (2, 6), (9, 8)),1,4	0	0		0
((2, 0), (2, 6), (9, 8)),1,3	0	0	0	0
((2, 0), (2, 6), (9, 8)),1,2	0	0	0	0
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((1, 3), (9, 8)),5,0	-14	-12	-14	
((1, 3), (9, 8)),5,3	-17	-15		
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((1, 3), (9, 8)),5,6		-15	-14	-15
((1, 3), (9, 8)),5,7		-14	-13	-15
((1, 3), (9, 8)),5,8		-14	-12	-14
((1, 3), (9, 8)),5,9	-11	-13		-12
((1, 3), (9, 8)),7,1	-13		-13	-11
((1, 3), (9, 8)),7,2	-14		-14	-12
((1, 3), (9, 8)),7,0	-12	-10	-12	
((1, 3), (9, 8)),7,3	-15		-15	-13
((1, 3), (9, 8)),7,4	-15		-15	-14
((1, 3), (9, 8)),7,5	-14			-15
((1, 3), (9, 8)),6,1	-14	-12	-14	-12
((1, 3), (9, 8)),6,2		-13	-15	-13
((1, 3), (9, 8)),6,0	-13	-11	-13	
((1, 3), (9, 8)),6,3	-16	-14	-15	-14
((1, 3), (9, 8)),6,4		-15	-14	-15
((1, 3), (9, 8)),6,5	-15	-15	-15	-15
((1, 3), (9, 8)),6,6	-14		-14	-14
((1, 3), (9, 8)),6,7	-14		-13	-15
((1, 3), (9, 8)),6,8	-13		-13	-14
((1, 3), (9, 8)),6,9	-12			-14
((1, 3), (9, 8)),8,0	-11	-9		
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((1, 3), (9, 8)),8,8		793	-1	147
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((1, 3), (9, 8)),9,6	146			144
((1, 3), (9, 8)),9,9	21			0
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((1, 3), (9, 8)),3,9	518	-11		-9
((1, 3), (9, 8)),3,8	519		-10	519
((1, 3), (9, 8)),3,7	1248		518	
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((1, 3), (9, 8)),2,8	1248	518	1246	1248
((1, 3), (9, 8)),2,7	1249	1247	1247	1249
((1, 3), (9, 8)),2,6	1250		1248	
((1, 3), (9, 8)),2,4	1303			1807
((1, 3), (9, 8)),2,3	1808		1806	0
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((1, 3), (9, 8)),2,1	0		0	0
((1, 3), (9, 8)),1,9	1248	1246		1248
((1, 3), (9, 8)),1,8	1249	1247	1247	1249
((1, 3), (9, 8)),1,7	1250	1248	1248	1250
((1, 3), (9, 8)),1,6	1251	1249	1249	

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$((1, 3), (9, 8)), 1, 2$	-2	-1	0	0
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$((1, 3), (9, 8)), 0, 8$		1248	1248	1250
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$((1, 3), (9, 8)), 0, 5$			1251	1302
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$((1, 3), (2, 6), (9, 8)), 4, 9$	-1	-2		
$((1, 3), (2, 6), (9, 8)), 5, 1$	-2	-1		-2
$((1, 3), (2, 6), (9, 8)), 5, 0$	-2	-1	-2	
$((1, 3), (2, 6), (9, 8)), 5, 3$	-2	-1		
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$((1, 3), (2, 6), (9, 8)), 5, 7$		-1	-1	0
$((1, 3), (2, 6), (9, 8)), 5, 8$		-1	-1	-1
$((1, 3), (2, 6), (9, 8)), 5, 9$	-2	-1		-2
$((1, 3), (2, 6), (9, 8)), 7, 1$	-1		-1	-1
$((1, 3), (2, 6), (9, 8)), 7, 2$	-1		0	0
$((1, 3), (2, 6), (9, 8)), 7, 0$	-1	-1	-1	
$((1, 3), (2, 6), (9, 8)), 7, 3$	-1		0	0
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$((1, 3), (2, 6), (9, 8)), 7, 5$	-2			-2
$((1, 3), (2, 6), (9, 8)), 6, 1$	0	-1	0	-1
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$((1, 3), (2, 6), (9, 8)), 6, 0$	-2	-2	0	
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$((1, 3), (2, 6), (9, 8)), 6, 4$		-1	-1	-1
$((1, 3), (2, 6), (9, 8)), 6, 5$	-1	-1	-2	-1
$((1, 3), (2, 6), (9, 8)), 6, 6$	-1		-2	-2
$((1, 3), (2, 6), (9, 8)), 6, 7$	-1		-1	-2
$((1, 3), (2, 6), (9, 8)), 6, 8$	0		-1	0
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$((1, 3), (2, 6), (9, 8)), 8, 8$		1	-1	-2
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$((1, 3), (2, 6), (9, 8)), 9, 2$			-1	-2
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$((1, 3), (2, 6), (9, 8)), 3, 9$	-1	-1		0
$((1, 3), (2, 6), (9, 8)), 3, 8$	-2		-1	0

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((1, 3), (2, 6), (9, 8)),2,8	-1	-1	-1	-1
((1, 3), (2, 6), (9, 8)),2,7	-1	-1	-1	0
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((1, 3), (2, 6), (9, 8)),2,3	401		0	0
((1, 3), (2, 6), (9, 8)),2,2	0	0	-1	0
((1, 3), (2, 6), (9, 8)),2,0	-1		-1	
((1, 3), (2, 6), (9, 8)),2,1	0		-1	0
((1, 3), (2, 6), (9, 8)),1,9	-1	-1		0
((1, 3), (2, 6), (9, 8)),1,8	-1	-1	0	-1
((1, 3), (2, 6), (9, 8)),1,7	-1	-1	-1	-2
((1, 3), (2, 6), (9, 8)),1,6	-2	523	-1	
((1, 3), (2, 6), (9, 8)),1,4	0	0		0
((1, 3), (2, 6), (9, 8)),1,2	0	0	0	0
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((1, 3), (2, 6), (9, 8)),1,0	0	-1	0	
((1, 3), (2, 6), (9, 8)),0,9		-1		-1
((1, 3), (2, 6), (9, 8)),0,8		0	-1	-2
((1, 3), (2, 6), (9, 8)),0,7		-2	-1	-2
((1, 3), (2, 6), (9, 8)),0,6		-2	-2	-1
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((9, 8),),5,5	2948	2950	2948	
((9, 8),),5,6		2949	2947	2949
((9, 8),),5,7		2948	2946	2948
((9, 8),),5,8		2947	2945	2947
((9, 8),),5,9	2944	2946		2946
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((9, 8),),6,4		2952	2950	2952
((9, 8),),6,5	2949	2951	2949	2951
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((9, 8),),6,7	2947		2947	2949
((9, 8),),6,8	2946		2946	2948
((9, 8),),6,9	2945			2947
((9, 8),),8,0	2956	2958		
((9, 8),),8,6		2964	2973	

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$((9, 8),), 9, 2$			2961	2959
$((9, 8),), 9, 3$			2962	2960
$((9, 8),), 9, 4$			2963	2961
$((9, 8),), 9, 5$			2964	2962
$((9, 8),), 9, 6$	2965			2963
$((9, 8),), 9, 9$	2996			0
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$((9, 8),), 3, 9$	2942	2944		2942
$((9, 8),), 3, 8$	2941		2943	2941
$((9, 8),), 3, 7$	2940		2942	
$((9, 8),), 3, 2$	2931			
$((9, 8),), 2, 9$	2941	2943		2941
$((9, 8),), 2, 8$	2940	2942	2942	2940
$((9, 8),), 2, 7$	2939	2941	2941	2939
$((9, 8),), 2, 6$	2938		2940	
$((9, 8),), 2, 4$	2934			2932
$((9, 8),), 2, 3$	2933		2933	2931
$((9, 8),), 2, 2$	2932	2930	2932	2930
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$((9, 8),), 2, 1$	2931		2931	2929
$((9, 8),), 1, 9$	2940	2942		2940
$((9, 8),), 1, 8$	2939	2941	2941	2939
$((9, 8),), 1, 7$	2938	2940	2940	2938
$((9, 8),), 1, 6$	2937	2939	2939	
$((9, 8),), 1, 4$	2935	2933		2933
$((9, 8),), 1, 3$	2934	2932	2934	2932
$((9, 8),), 1, 2$	2933	2931	2933	2931
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$((9, 8),), 1, 0$	2929	2929	2931	
$((9, 8),), 0, 9$		2941		2939
$((9, 8),), 0, 8$		2940	2940	2938
$((9, 8),), 0, 7$		2939	2939	2937
$((9, 8),), 0, 6$		2938	2938	2936
$((9, 8),), 0, 5$			2937	2935
$((9, 8),), 0, 4$		2934	2936	2934
$((9, 8),), 0, 3$		2933	2935	2933
$((9, 8),), 0, 2$		2932	2934	
$((9, 8),), 0, 0$		2930		
$((2, 6), (9, 8)), 4, 1$		2765		2765
$((2, 6), (9, 8)), 4, 0$		2766	2764	
$((2, 6), (9, 8)), 4, 5$	2759	2761		
$((2, 6), (9, 8)), 4, 3$		2763		
$((2, 6), (9, 8)), 4, 9$	2755	2757		
$((2, 6), (9, 8)), 5, 1$	2764	2766		2766
$((2, 6), (9, 8)), 5, 0$	2765	2767	2765	
$((2, 6), (9, 8)), 5, 3$	2762	2764		
$((2, 6), (9, 8)), 5, 5$	2760	2762	2760	
$((2, 6), (9, 8)), 5, 6$		2761	2759	2761
$((2, 6), (9, 8)), 5, 7$		2760	2758	2760
$((2, 6), (9, 8)), 5, 8$		2759	2757	2759
$((2, 6), (9, 8)), 5, 9$	2756	2758		2758
$((2, 6), (9, 8)), 7, 1$	2766		2766	2768
$((2, 6), (9, 8)), 7, 2$	2765		2765	2767

((2, 6), (9, 8)),7,0	2767	3299	2767	
((2, 6), (9, 8)),7,3	2764		2764	2766
((2, 6), (9, 8)),7,4	2763		2763	2765
((2, 6), (9, 8)),7,5	2762			2764
((2, 6), (9, 8)),6,1	2765	2767	2765	2767
((2, 6), (9, 8)),6,2		2766	2764	2766
((2, 6), (9, 8)),6,0	2766	2768	2766	
((2, 6), (9, 8)),6,3	2763	2765	2763	2765
((2, 6), (9, 8)),6,4		2764	2762	2764
((2, 6), (9, 8)),6,5	2761	2763	2761	2763
((2, 6), (9, 8)),6,6	2760		2760	2762
((2, 6), (9, 8)),6,7	2759		2759	2761
((2, 6), (9, 8)),6,8	2758		2758	2760
((2, 6), (9, 8)),6,9	2757			2759
((2, 6), (9, 8)),8,0	3298	3300		
((2, 6), (9, 8)),8,6		3773	3775	
((2, 6), (9, 8)),8,7			3776	3774
((2, 6), (9, 8)),8,8		4484	3775	3775
((2, 6), (9, 8)),8,9		3113		3776
((2, 6), (9, 8)),9,0	3299		3301	
((2, 6), (9, 8)),9,1			3302	3300
((2, 6), (9, 8)),9,2			3770	3301
((2, 6), (9, 8)),9,3			3771	3302
((2, 6), (9, 8)),9,4			3772	3770
((2, 6), (9, 8)),9,5			3773	3771
((2, 6), (9, 8)),9,6	3774			3305
((2, 6), (9, 8)),9,9	3105			4211
((2, 6), (9, 8)),3,5		2760		
((2, 6), (9, 8)),3,9	2091	2756		2091
((2, 6), (9, 8)),3,8	2785		2090	2006
((2, 6), (9, 8)),3,7	2786		2070	
((2, 6), (9, 8)),3,2	1148			
((2, 6), (9, 8)),2,9	2090	2090		2729
((2, 6), (9, 8)),2,8	2784	2007	2091	2786
((2, 6), (9, 8)),2,7	2785	2069	2785	2787
((2, 6), (9, 8)),2,4	2003			2001
((2, 6), (9, 8)),2,3	2002		2002	2000
((2, 6), (9, 8)),2,2	1840	1147	2001	396
((2, 6), (9, 8)),2,0	396		396	
((2, 6), (9, 8)),2,1	397		2000	395
((2, 6), (9, 8)),1,9	2005	2728		2084
((2, 6), (9, 8)),1,8	2083	2092	2090	2785
((2, 6), (9, 8)),1,7	2084	2786	2091	2786
((2, 6), (9, 8)),1,6	2785	2843	2785	
((2, 6), (9, 8)),1,4	2083	2002		2002
((2, 6), (9, 8)),1,3	1914	2001	2003	1840
((2, 6), (9, 8)),1,2	1148	2000	1841	397
((2, 6), (9, 8)),1,1		396	398	396
((2, 6), (9, 8)),1,0	395	395	397	
((2, 6), (9, 8)),0,9		2083		2083
((2, 6), (9, 8)),0,8		2084	2082	2084
((2, 6), (9, 8)),0,7		2785	2083	2785
((2, 6), (9, 8)),0,6		2786	2784	2084
((2, 6), (9, 8)),0,5			2785	2083
((2, 6), (9, 8)),0,4		2082	2084	1914
((2, 6), (9, 8)),0,3		1913	2004	1913
((2, 6), (9, 8)),0,2		1149	1914	
((2, 6), (9, 8)),0,0		396		

[illegible]

[illegible]

((2, 0), (4, 1), (4, 5)),7,0	-1	-2	0	
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((2, 0), (4, 1), (4, 5)),7,3	0		0	0
((2, 0), (4, 1), (4, 5)),7,4	0		0	0
((2, 0), (4, 1), (4, 5)),7,5	0			0
((2, 0), (4, 1), (4, 5)),6,0	-1	-1	-1	
((2, 0), (4, 1), (4, 5)),6,1	0	0	0	-1
((2, 0), (4, 1), (4, 5)),6,2		0	0	0
((2, 0), (4, 1), (4, 5)),6,3	0	0	0	0
((2, 0), (4, 1), (4, 5)),6,4		0	0	0
((2, 0), (4, 1), (4, 5)),6,5	0	0	0	0
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((2, 0), (4, 1), (4, 5)),6,7	0		0	0
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((2, 0), (4, 1), (4, 5)),6,9	0			0
((2, 0), (4, 1), (4, 5)),5,0	-1	0	0	
((2, 0), (4, 1), (4, 5)),5,1	0	0		0
((2, 0), (4, 1), (4, 5)),5,3	0	0		
((2, 0), (4, 1), (4, 5)),5,5	0	0	0	
((2, 0), (4, 1), (4, 5)),5,6		0	0	0
((2, 0), (4, 1), (4, 5)),5,7		0	0	0
((2, 0), (4, 1), (4, 5)),5,8		0	0	0
((2, 0), (4, 1), (4, 5)),5,9	0	0		0
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((2, 0), (4, 1), (4, 5)),4,9	0	0		
((2, 0), (4, 1), (4, 5)),3,9	0	0		0
((2, 0), (4, 1), (4, 5)),3,8	0		0	0
((2, 0), (4, 1), (4, 5)),3,7	0		0	
((2, 0), (4, 1), (4, 5)),3,2	0			
((2, 0), (4, 1), (4, 5)),2,9	0	0		0
((2, 0), (4, 1), (4, 5)),2,8	0	0	0	0
((2, 0), (4, 1), (4, 5)),2,7	0	0	0	0
((2, 0), (4, 1), (4, 5)),2,6	0		0	
((2, 0), (4, 1), (4, 5)),2,4	0			0
((2, 0), (4, 1), (4, 5)),2,3	0		0	0
((2, 0), (4, 1), (4, 5)),2,2	0	0	0	0
((2, 0), (4, 1), (4, 5)),2,1	0		0	0
((2, 0), (4, 1), (4, 5)),1,9	0	0		0
((2, 0), (4, 1), (4, 5)),1,8	0	0	0	0
((2, 0), (4, 1), (4, 5)),1,7	0	0	0	0
((2, 0), (4, 1), (4, 5)),1,6	0	0	0	
((2, 0), (4, 1), (4, 5)),1,4	0	0		0
((2, 0), (4, 1), (4, 5)),1,3	0	0	0	0
((2, 0), (4, 1), (4, 5)),1,2	0	0	0	0
((2, 0), (4, 1), (4, 5)),1,1		0	0	0
((2, 0), (4, 1), (4, 5)),1,0	0	0	0	
((2, 0), (4, 1), (4, 5)),0,9		0		0
((2, 0), (4, 1), (4, 5)),0,8		0	0	0
((2, 0), (4, 1), (4, 5)),0,7		0	0	0
((2, 0), (4, 1), (4, 5)),0,6		0	0	0
((2, 0), (4, 1), (4, 5)),0,5			0	0
((2, 0), (4, 1), (4, 5)),0,4		0	0	0
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((2, 0), (4, 1), (4, 5)),0,0		0		
((2, 0), (4, 1), (4, 5), (7, 1)),9,8	13		15	

((2, 0), (4, 1), (4, 5), (7, 1)),9,9	-1			7
((2, 0), (4, 1), (4, 5), (7, 1)),9,6	11			9
((2, 0), (4, 1), (4, 5), (7, 1)),9,5			10	8
((2, 0), (4, 1), (4, 5), (7, 1)),9,4			9	-2
((2, 0), (4, 1), (4, 5), (7, 1)),9,3			-2	-1
((2, 0), (4, 1), (4, 5), (7, 1)),9,2			-1	-1
((2, 0), (4, 1), (4, 5), (7, 1)),9,1			0	-1
((2, 0), (4, 1), (4, 5), (7, 1)),9,0	-1		0	
((2, 0), (4, 1), (4, 5), (7, 1)),8,8		14	5	12
((2, 0), (4, 1), (4, 5), (7, 1)),8,9		0		13
((2, 0), (4, 1), (4, 5), (7, 1)),8,7			13	11
((2, 0), (4, 1), (4, 5), (7, 1)),8,6		10	12	
((2, 0), (4, 1), (4, 5), (7, 1)),8,0	-1	0		
((2, 0), (4, 1), (4, 5), (7, 1)),7,0	0	0	1	
((2, 0), (4, 1), (4, 5), (7, 1)),7,2	0		0	0
((2, 0), (4, 1), (4, 5), (7, 1)),7,3	0		0	0
((2, 0), (4, 1), (4, 5), (7, 1)),7,4	0		0	0
((2, 0), (4, 1), (4, 5), (7, 1)),7,5	0			0
((2, 0), (4, 1), (4, 5), (7, 1)),6,0	0	0	0	
((2, 0), (4, 1), (4, 5), (7, 1)),6,1	0	0	0	0
((2, 0), (4, 1), (4, 5), (7, 1)),6,2		0	0	0
((2, 0), (4, 1), (4, 5), (7, 1)),6,3	0	0	0	0
((2, 0), (4, 1), (4, 5), (7, 1)),6,4		0	0	0
((2, 0), (4, 1), (4, 5), (7, 1)),6,5	0	0	0	0
((2, 0), (4, 1), (4, 5), (7, 1)),6,6	0		0	0
((2, 0), (4, 1), (4, 5), (7, 1)),6,7	0		0	0
((2, 0), (4, 1), (4, 5), (7, 1)),6,8	0		0	0
((2, 0), (4, 1), (4, 5), (7, 1)),6,9	0			0
((2, 0), (4, 1), (4, 5), (7, 1)),5,0	0	0	0	
((2, 0), (4, 1), (4, 5), (7, 1)),5,1	0	0		0
((2, 0), (4, 1), (4, 5), (7, 1)),5,3	0	0		
((2, 0), (4, 1), (4, 5), (7, 1)),5,5	0	0	0	
((2, 0), (4, 1), (4, 5), (7, 1)),5,6		0	0	0
((2, 0), (4, 1), (4, 5), (7, 1)),5,7		0	0	0
((2, 0), (4, 1), (4, 5), (7, 1)),5,8		0	0	0
((2, 0), (4, 1), (4, 5), (7, 1)),5,9	0	0		0
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((2, 0), (4, 1), (4, 5), (7, 1)),4,9	0	0		
((2, 0), (4, 1), (4, 5), (7, 1)),3,9	0	0		0
((2, 0), (4, 1), (4, 5), (7, 1)),3,8	0		0	0
((2, 0), (4, 1), (4, 5), (7, 1)),3,7	0		0	
((2, 0), (4, 1), (4, 5), (7, 1)),3,2	0			
((2, 0), (4, 1), (4, 5), (7, 1)),2,9	0	0		0
((2, 0), (4, 1), (4, 5), (7, 1)),2,8	0	0	0	0
((2, 0), (4, 1), (4, 5), (7, 1)),2,7	0	0	0	0
((2, 0), (4, 1), (4, 5), (7, 1)),2,6	0		0	
((2, 0), (4, 1), (4, 5), (7, 1)),2,4	0			0
((2, 0), (4, 1), (4, 5), (7, 1)),2,3	0		0	0
((2, 0), (4, 1), (4, 5), (7, 1)),2,2	0	0	0	0
((2, 0), (4, 1), (4, 5), (7, 1)),2,1	0		0	0
((2, 0), (4, 1), (4, 5), (7, 1)),1,9	0	0		0
((2, 0), (4, 1), (4, 5), (7, 1)),1,8	0	0	0	0
((2, 0), (4, 1), (4, 5), (7, 1)),1,7	0	0	0	0
((2, 0), (4, 1), (4, 5), (7, 1)),1,6	0	0	0	
((2, 0), (4, 1), (4, 5), (7, 1)),1,4	0	0		0
((2, 0), (4, 1), (4, 5), (7, 1)),1,3	0	0	0	0
((2, 0), (4, 1), (4, 5), (7, 1)),1,2	0	0	0	0

((2,0),(2,6),(4,1),(4,5)),2,7	0	0	0	0
((2,0),(2,6),(4,1),(4,5)),2,4	0			0
((2,0),(2,6),(4,1),(4,5)),2,3	0		0	0
((2,0),(2,6),(4,1),(4,5)),2,2	0	0	0	0
((2,0),(2,6),(4,1),(4,5)),2,1	0		0	0
((2,0),(2,6),(4,1),(4,5)),1,9	0	0		0
((2,0),(2,6),(4,1),(4,5)),1,8	0	0	0	0
((2,0),(2,6),(4,1),(4,5)),1,7	0	0	0	0
((2,0),(2,6),(4,1),(4,5)),1,6	0	0	0	
((2,0),(2,6),(4,1),(4,5)),1,4	0	0		0
((2,0),(2,6),(4,1),(4,5)),1,3	0	0	0	0
((2,0),(2,6),(4,1),(4,5)),1,2	0	0	0	0
((2,0),(2,6),(4,1),(4,5)),1,1		0	0	0
((2,0),(2,6),(4,1),(4,5)),1,0	0	0	0	
((2,0),(2,6),(4,1),(4,5)),0,9		0		0
((2,0),(2,6),(4,1),(4,5)),0,8		0	0	0
((2,0),(2,6),(4,1),(4,5)),0,7		0	0	0
((2,0),(2,6),(4,1),(4,5)),0,6		0	0	0
((2,0),(2,6),(4,1),(4,5)),0,5			0	0
((2,0),(2,6),(4,1),(4,5)),0,4		0	0	0
((2,0),(2,6),(4,1),(4,5)),0,3		0	0	0
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((2,0),(2,6),(4,1),(4,5)),0,0		0		
((2,0),(2,6),(4,1),(4,5),(7,1)),9,8	0		0	
((2,0),(2,6),(4,1),(4,5),(7,1)),9,9	0			0
((2,0),(2,6),(4,1),(4,5),(7,1)),9,6	0			0
((2,0),(2,6),(4,1),(4,5),(7,1)),9,5			0	0
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((2,0),(2,6),(4,1),(4,5),(7,1)),9,3			0	0
((2,0),(2,6),(4,1),(4,5),(7,1)),9,2			0	0
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((2,0),(2,6),(4,1),(4,5),(7,1)),9,0	0		0	
((2,0),(2,6),(4,1),(4,5),(7,1)),8,8		0	0	0
((2,0),(2,6),(4,1),(4,5),(7,1)),8,9		0		0
((2,0),(2,6),(4,1),(4,5),(7,1)),8,7			0	0
((2,0),(2,6),(4,1),(4,5),(7,1)),8,6		0	0	
((2,0),(2,6),(4,1),(4,5),(7,1)),8,0	0	0		
((2,0),(2,6),(4,1),(4,5),(7,1)),7,0	0	0	0	
((2,0),(2,6),(4,1),(4,5),(7,1)),7,2	0		0	0
((2,0),(2,6),(4,1),(4,5),(7,1)),7,3	0		0	0
((2,0),(2,6),(4,1),(4,5),(7,1)),7,4	0		0	0
((2,0),(2,6),(4,1),(4,5),(7,1)),7,5	0			0
((2,0),(2,6),(4,1),(4,5),(7,1)),6,0	0	0	0	
((2,0),(2,6),(4,1),(4,5),(7,1)),6,1	0	0	0	0
((2,0),(2,6),(4,1),(4,5),(7,1)),6,2		0	0	0
((2,0),(2,6),(4,1),(4,5),(7,1)),6,3	0	0	0	0
((2,0),(2,6),(4,1),(4,5),(7,1)),6,4		0	0	0
((2,0),(2,6),(4,1),(4,5),(7,1)),6,5	0	0	0	0
((2,0),(2,6),(4,1),(4,5),(7,1)),6,6	0		0	0
((2,0),(2,6),(4,1),(4,5),(7,1)),6,7	0		0	0
((2,0),(2,6),(4,1),(4,5),(7,1)),6,8	0		0	0
((2,0),(2,6),(4,1),(4,5),(7,1)),6,9	0			0
((2,0),(2,6),(4,1),(4,5),(7,1)),5,0	0	0	0	
((2,0),(2,6),(4,1),(4,5),(7,1)),5,1	0	0		0
((2,0),(2,6),(4,1),(4,5),(7,1)),5,3	0	0		
((2,0),(2,6),(4,1),(4,5),(7,1)),5,5	0	0	0	
((2,0),(2,6),(4,1),(4,5),(7,1)),5,6		0	0	0
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((2, 0), (2, 6), (4, 1), (4, 5), (7, 1)),3,9	0	0		0
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1)),3,8	0		0	0
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((2, 0), (2, 6), (4, 1), (4, 5), (7, 1)),3,2	0			
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1)),2,9	0	0		0
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1)),2,8	0	0	0	0
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1)),2,7	0	0	0	0
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1)),2,4	0			0
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1)),2,3	0		0	0
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1)),2,2	0	0	0	0
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1)),2,1	0		0	0
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1)),1,9	0	0		0
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1)),1,8	0	0	0	0
((2, 0), (2, 6), (4, 1), (4, 5), (7, 1)),1,7	0	0	0	0
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((2, 0), (2, 6), (4, 1), (4, 5), (7, 1)),0,9		0		0
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((1, 3), (4, 1), (4, 5), (7, 1)),7,0	0	0	0	
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[illegible]

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((4, 1), (4, 5)),7,5	15648			15648
((4, 1), (4, 5)),6,0	19259	19257	17702	
((4, 1), (4, 5)),6,1	17701	15651	15651	17703
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((4, 1), (4, 5)),5,0	24426	15653	13522	
((4, 1), (4, 5)),5,1	31975	17702		15654
((4, 1), (4, 5)),5,3	13517	15650		
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((4, 1), (4, 5), (7, 1)),6,7	0		0	0
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((4, 1), (4, 5), (7, 1)),2,0	0		0	
((4, 1), (4, 5), (7, 1)),2,1	0		0	0
((4, 1), (4, 5), (7, 1)),1,9	0	0		0
((4, 1), (4, 5), (7, 1)),1,8	0	0	0	0
((4, 1), (4, 5), (7, 1)),1,7	0	0	0	0
((4, 1), (4, 5), (7, 1)),1,6	0	0	0	
((4, 1), (4, 5), (7, 1)),1,4	0	0		0
((4, 1), (4, 5), (7, 1)),1,3	0	0	0	0
((4, 1), (4, 5), (7, 1)),1,2	0	0	0	0
((4, 1), (4, 5), (7, 1)),1,1		0	0	0
((4, 1), (4, 5), (7, 1)),1,0	0	0	0	
((4, 1), (4, 5), (7, 1)),0,9		0		0
((4, 1), (4, 5), (7, 1)),0,8		0	0	0
((4, 1), (4, 5), (7, 1)),0,7		0	0	0
((4, 1), (4, 5), (7, 1)),0,6		0	0	0
((4, 1), (4, 5), (7, 1)),0,5			0	0
((4, 1), (4, 5), (7, 1)),0,4		0	0	0
((4, 1), (4, 5), (7, 1)),0,3		0	0	0
((4, 1), (4, 5), (7, 1)),0,2		0	0	
((4, 1), (4, 5), (7, 1)),0,0		0		
((2, 6), (4, 1), (4, 5)),9,8	970		958	
((2, 6), (4, 1), (4, 5)),9,9	978			957
((2, 6), (4, 1), (4, 5)),9,6	968			966
((2, 6), (4, 1), (4, 5)),9,5			967	965
((2, 6), (4, 1), (4, 5)),9,4			966	964
((2, 6), (4, 1), (4, 5)),9,3			965	963
((2, 6), (4, 1), (4, 5)),9,2			964	836

((2, 6), (4, 1), (4, 5)),9,1			837	835
((2, 6), (4, 1), (4, 5)),9,0	834		836	
((2, 6), (4, 1), (4, 5)),8,8		969	971	969
((2, 6), (4, 1), (4, 5)),8,9		979		970
((2, 6), (4, 1), (4, 5)),8,7			970	968
((2, 6), (4, 1), (4, 5)),8,6		967	969	
((2, 6), (4, 1), (4, 5)),8,0	2	835		
((2, 6), (4, 1), (4, 5)),7,0	1	3	-1	
((2, 6), (4, 1), (4, 5)),7,1	-1		-1	2
((2, 6), (4, 1), (4, 5)),7,2	-1		0	0
((2, 6), (4, 1), (4, 5)),7,3	0		0	0
((2, 6), (4, 1), (4, 5)),7,4	-1		0	0
((2, 6), (4, 1), (4, 5)),7,5	0			-1
((2, 6), (4, 1), (4, 5)),6,0	-1	2	-1	
((2, 6), (4, 1), (4, 5)),6,1	-1	-1	0	0
((2, 6), (4, 1), (4, 5)),6,2		0	-1	0
((2, 6), (4, 1), (4, 5)),6,3	-1	0	-1	0
((2, 6), (4, 1), (4, 5)),6,4		0	-1	0
((2, 6), (4, 1), (4, 5)),6,5	-1	-1	-1	-1
((2, 6), (4, 1), (4, 5)),6,6	-1		-1	0
((2, 6), (4, 1), (4, 5)),6,7	-1		0	-1
((2, 6), (4, 1), (4, 5)),6,8	0		0	0
((2, 6), (4, 1), (4, 5)),6,9	0			0
((2, 6), (4, 1), (4, 5)),5,0	-1	0	0	
((2, 6), (4, 1), (4, 5)),5,1	369	0		0
((2, 6), (4, 1), (4, 5)),5,3	-1	-1		
((2, 6), (4, 1), (4, 5)),5,5	1	-1	0	
((2, 6), (4, 1), (4, 5)),5,6		-1	0	-1
((2, 6), (4, 1), (4, 5)),5,7		-1	0	0
((2, 6), (4, 1), (4, 5)),5,8		0	0	0
((2, 6), (4, 1), (4, 5)),5,9	0	0		0
((2, 6), (4, 1), (4, 5)),4,0		0	369	
((2, 6), (4, 1), (4, 5)),4,3		-1		
((2, 6), (4, 1), (4, 5)),4,9	0	0		
((2, 6), (4, 1), (4, 5)),3,9	0	0		0
((2, 6), (4, 1), (4, 5)),3,8	0		0	0
((2, 6), (4, 1), (4, 5)),3,7	0		0	
((2, 6), (4, 1), (4, 5)),3,2	0			
((2, 6), (4, 1), (4, 5)),2,9	0	0		0
((2, 6), (4, 1), (4, 5)),2,8	0	0	0	0
((2, 6), (4, 1), (4, 5)),2,7	0	0	0	0
((2, 6), (4, 1), (4, 5)),2,4	0			0
((2, 6), (4, 1), (4, 5)),2,3	0		0	0
((2, 6), (4, 1), (4, 5)),2,2	0	0	0	0
((2, 6), (4, 1), (4, 5)),2,0	0		0	
((2, 6), (4, 1), (4, 5)),2,1	0		0	0
((2, 6), (4, 1), (4, 5)),1,9	0	0		0
((2, 6), (4, 1), (4, 5)),1,8	0	0	0	0
((2, 6), (4, 1), (4, 5)),1,7	0	0	0	0
((2, 6), (4, 1), (4, 5)),1,6	0	0	0	
((2, 6), (4, 1), (4, 5)),1,4	0	0		0
((2, 6), (4, 1), (4, 5)),1,3	0	0	0	0
((2, 6), (4, 1), (4, 5)),1,2	0	0	0	0
((2, 6), (4, 1), (4, 5)),1,1		0	0	0
((2, 6), (4, 1), (4, 5)),1,0	0	0	0	
((2, 6), (4, 1), (4, 5)),0,9		0		0
((2, 6), (4, 1), (4, 5)),0,8		0	0	0
((2, 6), (4, 1), (4, 5)),0,7		0	0	0

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((2, 6), (4, 1), (4, 5)),0,5			0	0
((2, 6), (4, 1), (4, 5)),0,4		0	0	0
((2, 6), (4, 1), (4, 5)),0,3		0	0	0
((2, 6), (4, 1), (4, 5)),0,2		0	0	
((2, 6), (4, 1), (4, 5)),0,0		0		
((2, 6), (4, 1), (4, 5), (7, 1)),9,8	0		0	
((2, 6), (4, 1), (4, 5), (7, 1)),9,9	0			0
((2, 6), (4, 1), (4, 5), (7, 1)),9,6	0			0
((2, 6), (4, 1), (4, 5), (7, 1)),9,5			0	0
((2, 6), (4, 1), (4, 5), (7, 1)),9,4			0	0
((2, 6), (4, 1), (4, 5), (7, 1)),9,3			0	0
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((2, 6), (4, 1), (4, 5), (7, 1)),9,0	0		0	
((2, 6), (4, 1), (4, 5), (7, 1)),8,8		0	0	0
((2, 6), (4, 1), (4, 5), (7, 1)),8,9		0		0
((2, 6), (4, 1), (4, 5), (7, 1)),8,7			0	0
((2, 6), (4, 1), (4, 5), (7, 1)),8,6		0	0	
((2, 6), (4, 1), (4, 5), (7, 1)),8,0	0	0		
((2, 6), (4, 1), (4, 5), (7, 1)),7,0	0	0	0	
((2, 6), (4, 1), (4, 5), (7, 1)),7,2	0		0	0
((2, 6), (4, 1), (4, 5), (7, 1)),7,3	0		0	0
((2, 6), (4, 1), (4, 5), (7, 1)),7,4	0		0	0
((2, 6), (4, 1), (4, 5), (7, 1)),7,5	0			0
((2, 6), (4, 1), (4, 5), (7, 1)),6,0	0	0	0	
((2, 6), (4, 1), (4, 5), (7, 1)),6,1	0	0	0	0
((2, 6), (4, 1), (4, 5), (7, 1)),6,2		0	0	0
((2, 6), (4, 1), (4, 5), (7, 1)),6,3	0	0	0	0
((2, 6), (4, 1), (4, 5), (7, 1)),6,4		0	0	0
((2, 6), (4, 1), (4, 5), (7, 1)),6,5	0	0	0	0
((2, 6), (4, 1), (4, 5), (7, 1)),6,6	0		0	0
((2, 6), (4, 1), (4, 5), (7, 1)),6,7	0		0	0
((2, 6), (4, 1), (4, 5), (7, 1)),6,8	0		0	0
((2, 6), (4, 1), (4, 5), (7, 1)),6,9	0			0
((2, 6), (4, 1), (4, 5), (7, 1)),5,0	0	0	0	
((2, 6), (4, 1), (4, 5), (7, 1)),5,1	0	0		0
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((2, 6), (4, 1), (4, 5), (7, 1)),5,5	0	0	0	
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((2, 6), (4, 1), (4, 5), (7, 1)),4,9	0	0		
((2, 6), (4, 1), (4, 5), (7, 1)),3,9	0	0		0
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((2, 6), (4, 1), (4, 5), (7, 1)),3,2	0			
((2, 6), (4, 1), (4, 5), (7, 1)),2,9	0	0		0
((2, 6), (4, 1), (4, 5), (7, 1)),2,8	0	0	0	0
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((2, 6), (4, 1), (4, 5), (7, 1)),2,4	0			0
((2, 6), (4, 1), (4, 5), (7, 1)),2,3	0		0	0
((2, 6), (4, 1), (4, 5), (7, 1)),2,2	0	0	0	0
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((2, 6), (4, 1), (4, 5), (7, 1)),2,1	0		0	0

((2, 6), (4, 1), (4, 5), (7, 1)),1,9	0	0		0
((2, 6), (4, 1), (4, 5), (7, 1)),1,8	0	0	0	0
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((2, 6), (4, 1), (4, 5), (7, 1)),1,4	0	0		0
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((1, 3), (2, 0), (4, 1)),7,3	0		0	0
((1, 3), (2, 0), (4, 1)),7,4	0		0	0
((1, 3), (2, 0), (4, 1)),7,5	0			0
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((1, 3), (2, 0), (4, 1)),6,1	0	0	0	0
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((1, 3), (2, 0), (4, 1)),6,3	0	0	0	0
((1, 3), (2, 0), (4, 1)),6,4		0	0	0
((1, 3), (2, 0), (4, 1)),6,5	0	0	0	0
((1, 3), (2, 0), (4, 1)),6,6	0		0	0
((1, 3), (2, 0), (4, 1)),6,7	0		0	0
((1, 3), (2, 0), (4, 1)),6,8	0		0	0
((1, 3), (2, 0), (4, 1)),6,9	0			0
((1, 3), (2, 0), (4, 1)),5,0	0	0	0	
((1, 3), (2, 0), (4, 1)),5,1	0	0		0
((1, 3), (2, 0), (4, 1)),5,3	0	0		
((1, 3), (2, 0), (4, 1)),5,5	0	0	0	
((1, 3), (2, 0), (4, 1)),5,6		0	0	0
((1, 3), (2, 0), (4, 1)),5,7		0	0	0
((1, 3), (2, 0), (4, 1)),5,8		0	0	0
((1, 3), (2, 0), (4, 1)),5,9	0	0		0
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((1, 3), (2, 0), (4, 1)),4,5	0	0		

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((1, 3), (2, 0), (4, 1)),3,5		0		
((1, 3), (2, 0), (4, 1)),3,9	0	0		0
((1, 3), (2, 0), (4, 1)),3,8	0		0	0
((1, 3), (2, 0), (4, 1)),3,7	0		0	
((1, 3), (2, 0), (4, 1)),3,2	0			
((1, 3), (2, 0), (4, 1)),2,9	0	0		0
((1, 3), (2, 0), (4, 1)),2,8	0	0	0	0
((1, 3), (2, 0), (4, 1)),2,7	0	0	0	0
((1, 3), (2, 0), (4, 1)),2,6	0		0	
((1, 3), (2, 0), (4, 1)),2,4	0			0
((1, 3), (2, 0), (4, 1)),2,3	0		0	0
((1, 3), (2, 0), (4, 1)),2,2	0	0	0	0
((1, 3), (2, 0), (4, 1)),2,1	0		0	0
((1, 3), (2, 0), (4, 1)),1,9	0	0		0
((1, 3), (2, 0), (4, 1)),1,8	0	0	0	0
((1, 3), (2, 0), (4, 1)),1,7	0	0	0	0
((1, 3), (2, 0), (4, 1)),1,6	0	0	0	
((1, 3), (2, 0), (4, 1)),1,4	0	0		0
((1, 3), (2, 0), (4, 1)),1,2	0	0	0	0
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((1, 3), (2, 0), (4, 1)),1,0	0	0	0	
((1, 3), (2, 0), (4, 1)),0,9		0		0
((1, 3), (2, 0), (4, 1)),0,8		0	0	0
((1, 3), (2, 0), (4, 1)),0,7		0	0	0
((1, 3), (2, 0), (4, 1)),0,6		0	0	0
((1, 3), (2, 0), (4, 1)),0,5			0	0
((1, 3), (2, 0), (4, 1)),0,4		0	0	0
((1, 3), (2, 0), (4, 1)),0,3		0	0	0
((1, 3), (2, 0), (4, 1)),0,2		0	0	
((1, 3), (2, 0), (4, 1)),0,0		0		
((1, 3), (2, 0), (4, 1), (7, 1)),9,8	0		0	
((1, 3), (2, 0), (4, 1), (7, 1)),9,9	0			0
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((1, 3), (2, 0), (4, 1), (7, 1)),8,8		0	0	0
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((1, 3), (2, 0), (4, 1), (7, 1)),8,0	0	0		
((1, 3), (2, 0), (4, 1), (7, 1)),7,0	0	0	0	
((1, 3), (2, 0), (4, 1), (7, 1)),7,2	0		0	0
((1, 3), (2, 0), (4, 1), (7, 1)),7,3	0		0	0
((1, 3), (2, 0), (4, 1), (7, 1)),7,4	0		0	0
((1, 3), (2, 0), (4, 1), (7, 1)),7,5	0			0
((1, 3), (2, 0), (4, 1), (7, 1)),6,0	0	0	0	
((1, 3), (2, 0), (4, 1), (7, 1)),6,1	0	0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),6,2		0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),6,3	0	0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),6,4		0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),6,5	0	0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),6,6	0		0	0

((1, 3), (2, 0), (4, 1), (7, 1)),6,7	0		0	0
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((1, 3), (2, 0), (4, 1), (7, 1)),6,9	0			0
((1, 3), (2, 0), (4, 1), (7, 1)),5,0	0	0	0	
((1, 3), (2, 0), (4, 1), (7, 1)),5,1	0	0		0
((1, 3), (2, 0), (4, 1), (7, 1)),5,3	0	0		
((1, 3), (2, 0), (4, 1), (7, 1)),5,5	0	0	0	
((1, 3), (2, 0), (4, 1), (7, 1)),5,6		0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),5,7		0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),5,8		0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),5,9	0	0		0
((1, 3), (2, 0), (4, 1), (7, 1)),4,0		0	0	
((1, 3), (2, 0), (4, 1), (7, 1)),4,5	0	0		
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((1, 3), (2, 0), (4, 1), (7, 1)),3,9	0	0		0
((1, 3), (2, 0), (4, 1), (7, 1)),3,8	0		0	0
((1, 3), (2, 0), (4, 1), (7, 1)),3,7	0		0	
((1, 3), (2, 0), (4, 1), (7, 1)),3,2	0			
((1, 3), (2, 0), (4, 1), (7, 1)),2,9	0	0		0
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((1, 3), (2, 0), (4, 1), (7, 1)),2,7	0	0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),2,6	0		0	
((1, 3), (2, 0), (4, 1), (7, 1)),2,4	0			0
((1, 3), (2, 0), (4, 1), (7, 1)),2,3	0		0	0
((1, 3), (2, 0), (4, 1), (7, 1)),2,2	0	0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),2,1	0		0	0
((1, 3), (2, 0), (4, 1), (7, 1)),1,9	0	0		0
((1, 3), (2, 0), (4, 1), (7, 1)),1,8	0	0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),1,7	0	0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),1,6	0	0	0	
((1, 3), (2, 0), (4, 1), (7, 1)),1,4	0	0		0
((1, 3), (2, 0), (4, 1), (7, 1)),1,2	0	0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),1,1		0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),1,0	0	0	0	
((1, 3), (2, 0), (4, 1), (7, 1)),0,9		0		0
((1, 3), (2, 0), (4, 1), (7, 1)),0,8		0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),0,7		0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),0,6		0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),0,5			0	0
((1, 3), (2, 0), (4, 1), (7, 1)),0,4		0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),0,3		0	0	0
((1, 3), (2, 0), (4, 1), (7, 1)),0,2		0	0	
((1, 3), (2, 0), (4, 1), (7, 1)),0,0		0		
((1, 3), (2, 0), (2, 6), (4, 1)),9,8	0		0	
((1, 3), (2, 0), (2, 6), (4, 1)),9,9	0			0
((1, 3), (2, 0), (2, 6), (4, 1)),9,6	0			0
((1, 3), (2, 0), (2, 6), (4, 1)),9,5			0	0
((1, 3), (2, 0), (2, 6), (4, 1)),9,4			0	0
((1, 3), (2, 0), (2, 6), (4, 1)),9,3			0	0
((1, 3), (2, 0), (2, 6), (4, 1)),9,2			0	0
((1, 3), (2, 0), (2, 6), (4, 1)),9,1			0	0
((1, 3), (2, 0), (2, 6), (4, 1)),9,0	0		0	
((1, 3), (2, 0), (2, 6), (4, 1)),8,8		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),8,9		0		0
((1, 3), (2, 0), (2, 6), (4, 1)),8,7			0	0
((1, 3), (2, 0), (2, 6), (4, 1)),8,6		0	0	

((1, 3), (2, 0), (2, 6), (4, 1)),8,0	0	0		
((1, 3), (2, 0), (2, 6), (4, 1)),7,0	0	0	0	
((1, 3), (2, 0), (2, 6), (4, 1)),7,1	0		0	0
((1, 3), (2, 0), (2, 6), (4, 1)),7,2	0		0	0
((1, 3), (2, 0), (2, 6), (4, 1)),7,3	0		0	0
((1, 3), (2, 0), (2, 6), (4, 1)),7,4	0		0	0
((1, 3), (2, 0), (2, 6), (4, 1)),7,5	0			0
((1, 3), (2, 0), (2, 6), (4, 1)),6,0	0	0	0	
((1, 3), (2, 0), (2, 6), (4, 1)),6,1	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),6,2		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),6,3	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),6,4		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),6,5	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),6,6	0		0	0
((1, 3), (2, 0), (2, 6), (4, 1)),6,7	0		0	0
((1, 3), (2, 0), (2, 6), (4, 1)),6,8	0		0	0
((1, 3), (2, 0), (2, 6), (4, 1)),6,9	0			0
((1, 3), (2, 0), (2, 6), (4, 1)),5,0	0	0	0	
((1, 3), (2, 0), (2, 6), (4, 1)),5,1	0	0		0
((1, 3), (2, 0), (2, 6), (4, 1)),5,3	0	0		
((1, 3), (2, 0), (2, 6), (4, 1)),5,5	0	0	0	
((1, 3), (2, 0), (2, 6), (4, 1)),5,6		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),5,7		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),5,8		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),5,9	0	0		0
((1, 3), (2, 0), (2, 6), (4, 1)),4,0		0	0	
((1, 3), (2, 0), (2, 6), (4, 1)),4,5	0	0		
((1, 3), (2, 0), (2, 6), (4, 1)),4,3		0		
((1, 3), (2, 0), (2, 6), (4, 1)),4,9	0	0		
((1, 3), (2, 0), (2, 6), (4, 1)),3,5		0		
((1, 3), (2, 0), (2, 6), (4, 1)),3,9	0	0		0
((1, 3), (2, 0), (2, 6), (4, 1)),3,8	0		0	0
((1, 3), (2, 0), (2, 6), (4, 1)),3,7	0		0	
((1, 3), (2, 0), (2, 6), (4, 1)),3,2	0			
((1, 3), (2, 0), (2, 6), (4, 1)),2,9	0	0		0
((1, 3), (2, 0), (2, 6), (4, 1)),2,8	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),2,7	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),2,4	0			0
((1, 3), (2, 0), (2, 6), (4, 1)),2,3	0		0	0
((1, 3), (2, 0), (2, 6), (4, 1)),2,2	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),2,1	0		0	0
((1, 3), (2, 0), (2, 6), (4, 1)),1,9	0	0		0
((1, 3), (2, 0), (2, 6), (4, 1)),1,8	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),1,7	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),1,6	0	0	0	
((1, 3), (2, 0), (2, 6), (4, 1)),1,4	0	0		0
((1, 3), (2, 0), (2, 6), (4, 1)),1,2	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),1,1		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),1,0	0	0	0	
((1, 3), (2, 0), (2, 6), (4, 1)),0,9		0		0
((1, 3), (2, 0), (2, 6), (4, 1)),0,8		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),0,7		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),0,6		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),0,5			0	0
((1, 3), (2, 0), (2, 6), (4, 1)),0,4		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),0,3		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1)),0,2		0	0	
((1, 3), (2, 0), (2, 6), (4, 1)),0,0		0		

[illegible]

((1, 3), (2, 0), (2, 6), (4, 1), (7, 1)),1,2	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (7, 1)),1,1		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (7, 1)),1,0	0	0	0	
((1, 3), (2, 0), (2, 6), (4, 1), (7, 1)),0,9		0		0
((1, 3), (2, 0), (2, 6), (4, 1), (7, 1)),0,8		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (7, 1)),0,7		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (7, 1)),0,6		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (7, 1)),0,5			0	0
((1, 3), (2, 0), (2, 6), (4, 1), (7, 1)),0,4		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (7, 1)),0,3		0	0	0
((1, 3), (2, 0), (2, 6), (4, 1), (7, 1)),0,2		0	0	
((1, 3), (2, 0), (2, 6), (4, 1), (7, 1)),0,0		0		
((2, 0), (4, 1)),9,8	473		461	
((2, 0), (4, 1)),9,9	467			460
((2, 0), (4, 1)),9,6	471			469
((2, 0), (4, 1)),9,5			470	468
((2, 0), (4, 1)),9,4			469	467
((2, 0), (4, 1)),9,3			468	466
((2, 0), (4, 1)),9,2			467	465
((2, 0), (4, 1)),9,1			466	-4
((2, 0), (4, 1)),9,0	-3		-5	
((2, 0), (4, 1)),8,8		460	474	472
((2, 0), (4, 1)),8,9		475		473
((2, 0), (4, 1)),8,7			473	471
((2, 0), (4, 1)),8,6		470	472	
((2, 0), (4, 1)),8,0	-2	-4		
((2, 0), (4, 1)),7,0	-1	-3	-3	
((2, 0), (4, 1)),7,1	-2		-2	-2
((2, 0), (4, 1)),7,2	-3		-2	-3
((2, 0), (4, 1)),7,3	-4		-2	-3
((2, 0), (4, 1)),7,4	-3		-3	-3
((2, 0), (4, 1)),7,5	-2			-2
((2, 0), (4, 1)),6,0	0	-2	-2	
((2, 0), (4, 1)),6,1	436	-2	-3	-1
((2, 0), (4, 1)),6,2		-3	-4	-2
((2, 0), (4, 1)),6,3	-5	-3	-3	-3
((2, 0), (4, 1)),6,4		-4	-3	-4
((2, 0), (4, 1)),6,5	-2	-3	-3	-3
((2, 0), (4, 1)),6,6	-2		-3	-2
((2, 0), (4, 1)),6,7	-2		-3	-2
((2, 0), (4, 1)),6,8	-3		-3	-3
((2, 0), (4, 1)),6,9	-2			-3
((2, 0), (4, 1)),5,0	-1	0	0	
((2, 0), (4, 1)),5,1	437	0		-1
((2, 0), (4, 1)),5,3	-5	-4		
((2, 0), (4, 1)),5,5	-1	-2	-2	
((2, 0), (4, 1)),5,6		-2	-2	-2
((2, 0), (4, 1)),5,7		-3	-1	-3
((2, 0), (4, 1)),5,8		-3	-2	-2
((2, 0), (4, 1)),5,9	-1	-3		-3
((2, 0), (4, 1)),4,0		0	1144	
((2, 0), (4, 1)),4,5	-1	-2		
((2, 0), (4, 1)),4,3		-4		
((2, 0), (4, 1)),4,9	-1	-1		
((2, 0), (4, 1)),3,5		-1		
((2, 0), (4, 1)),3,9	-1	-2		0
((2, 0), (4, 1)),3,8	-2		0	-1
((2, 0), (4, 1)),3,7	-1		-1	

$((2, 0), (4, 1)), 3, 2$	0			
$((2, 0), (4, 1)), 2, 9$	-3	-1		-1
$((2, 0), (4, 1)), 2, 8$	-1	-1	-2	-1
$((2, 0), (4, 1)), 2, 7$	-2	-1	-1	0
$((2, 0), (4, 1)), 2, 6$	-1		0	
$((2, 0), (4, 1)), 2, 4$	-1			-1
$((2, 0), (4, 1)), 2, 3$	-1		0	0
$((2, 0), (4, 1)), 2, 2$	0	0	0	0
$((2, 0), (4, 1)), 2, 1$	-1		0	3188
$((2, 0), (4, 1)), 1, 9$	-3	-2		-2
$((2, 0), (4, 1)), 1, 8$	-2	-2	-3	-2
$((2, 0), (4, 1)), 1, 7$	-1	-1	-2	-1
$((2, 0), (4, 1)), 1, 6$	-1	-1	0	
$((2, 0), (4, 1)), 1, 4$	-1	-1		0
$((2, 0), (4, 1)), 1, 3$	0	0	-1	0
$((2, 0), (4, 1)), 1, 2$	0	0	0	-1
$((2, 0), (4, 1)), 1, 1$		-1	0	0
$((2, 0), (4, 1)), 1, 0$	0	0	0	
$((2, 0), (4, 1)), 0, 9$		-3		-2
$((2, 0), (4, 1)), 0, 8$		-2	-2	-1
$((2, 0), (4, 1)), 0, 7$		-1	-2	-1
$((2, 0), (4, 1)), 0, 6$		0	-2	-1
$((2, 0), (4, 1)), 0, 5$			-1	-1
$((2, 0), (4, 1)), 0, 4$		-1	-2	-1
$((2, 0), (4, 1)), 0, 3$		0	0	-1
$((2, 0), (4, 1)), 0, 2$		-1	0	
$((2, 0), (4, 1)), 0, 0$		0		
$((2, 0), (4, 1), (7, 1)), 9, 8$	0		0	
$((2, 0), (4, 1), (7, 1)), 9, 9$	0			0
$((2, 0), (4, 1), (7, 1)), 9, 6$	0			0
$((2, 0), (4, 1), (7, 1)), 9, 5$			0	0
$((2, 0), (4, 1), (7, 1)), 9, 4$			0	0
$((2, 0), (4, 1), (7, 1)), 9, 3$			0	0
$((2, 0), (4, 1), (7, 1)), 9, 2$			0	0
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$((2, 0), (4, 1), (7, 1)), 8, 8$		0	0	0
$((2, 0), (4, 1), (7, 1)), 8, 9$		0		0
$((2, 0), (4, 1), (7, 1)), 8, 7$			0	0
$((2, 0), (4, 1), (7, 1)), 8, 6$		0	0	
$((2, 0), (4, 1), (7, 1)), 8, 0$	0	0		
$((2, 0), (4, 1), (7, 1)), 7, 0$	0	0	0	
$((2, 0), (4, 1), (7, 1)), 7, 2$	0		0	0
$((2, 0), (4, 1), (7, 1)), 7, 3$	0		0	0
$((2, 0), (4, 1), (7, 1)), 7, 4$	0		0	0
$((2, 0), (4, 1), (7, 1)), 7, 5$	0			0
$((2, 0), (4, 1), (7, 1)), 6, 0$	0	0	0	
$((2, 0), (4, 1), (7, 1)), 6, 1$	0	0	0	0
$((2, 0), (4, 1), (7, 1)), 6, 2$		0	0	0
$((2, 0), (4, 1), (7, 1)), 6, 3$	0	0	0	0
$((2, 0), (4, 1), (7, 1)), 6, 4$		0	0	0
$((2, 0), (4, 1), (7, 1)), 6, 5$	0	0	0	0
$((2, 0), (4, 1), (7, 1)), 6, 6$	0		0	0
$((2, 0), (4, 1), (7, 1)), 6, 7$	0		0	0
$((2, 0), (4, 1), (7, 1)), 6, 8$	0		0	0
$((2, 0), (4, 1), (7, 1)), 6, 9$	0			0
$((2, 0), (4, 1), (7, 1)), 5, 0$	0	0	0	
$((2, 0), (4, 1), (7, 1)), 5, 1$	0	0		0

((2, 0), (4, 1), (7, 1)),5,3	0	0		
((2, 0), (4, 1), (7, 1)),5,5	0	0	0	
((2, 0), (4, 1), (7, 1)),5,6		0	0	0
((2, 0), (4, 1), (7, 1)),5,7		0	0	0
((2, 0), (4, 1), (7, 1)),5,8		0	0	0
((2, 0), (4, 1), (7, 1)),5,9	0	0		0
((2, 0), (4, 1), (7, 1)),4,0		0	0	
((2, 0), (4, 1), (7, 1)),4,5	0	0		
((2, 0), (4, 1), (7, 1)),4,3		0		
((2, 0), (4, 1), (7, 1)),4,9	0	0		
((2, 0), (4, 1), (7, 1)),3,5		0		
((2, 0), (4, 1), (7, 1)),3,9	0	0		0
((2, 0), (4, 1), (7, 1)),3,8	0		0	0
((2, 0), (4, 1), (7, 1)),3,7	0		0	
((2, 0), (4, 1), (7, 1)),3,2	0			
((2, 0), (4, 1), (7, 1)),2,9	0	0		0
((2, 0), (4, 1), (7, 1)),2,8	0	0	0	0
((2, 0), (4, 1), (7, 1)),2,7	0	0	0	0
((2, 0), (4, 1), (7, 1)),2,6	0		0	
((2, 0), (4, 1), (7, 1)),2,4	0			0
((2, 0), (4, 1), (7, 1)),2,3	0		0	0
((2, 0), (4, 1), (7, 1)),2,2	0	0	0	0
((2, 0), (4, 1), (7, 1)),2,1	0		0	0
((2, 0), (4, 1), (7, 1)),1,9	0	0		0
((2, 0), (4, 1), (7, 1)),1,8	0	0	0	0
((2, 0), (4, 1), (7, 1)),1,7	0	0	0	0
((2, 0), (4, 1), (7, 1)),1,6	0	0	0	
((2, 0), (4, 1), (7, 1)),1,4	0	0		0
((2, 0), (4, 1), (7, 1)),1,3	0	0	0	0
((2, 0), (4, 1), (7, 1)),1,2	0	0	0	0
((2, 0), (4, 1), (7, 1)),1,1		0	0	0
((2, 0), (4, 1), (7, 1)),1,0	0	0	0	
((2, 0), (4, 1), (7, 1)),0,9		0		0
((2, 0), (4, 1), (7, 1)),0,8		0	0	0
((2, 0), (4, 1), (7, 1)),0,7		0	0	0
((2, 0), (4, 1), (7, 1)),0,6		0	0	0
((2, 0), (4, 1), (7, 1)),0,5			0	0
((2, 0), (4, 1), (7, 1)),0,4		0	0	0
((2, 0), (4, 1), (7, 1)),0,3		0	0	0
((2, 0), (4, 1), (7, 1)),0,2		0	0	
((2, 0), (4, 1), (7, 1)),0,0		0		
((2, 0), (2, 6), (4, 1)),9,8	-1		8	
((2, 0), (2, 6), (4, 1)),9,9	0			7
((2, 0), (2, 6), (4, 1)),9,6	0			-1
((2, 0), (2, 6), (4, 1)),9,5			0	-1
((2, 0), (2, 6), (4, 1)),9,4			0	-1
((2, 0), (2, 6), (4, 1)),9,3			-1	-1
((2, 0), (2, 6), (4, 1)),9,2			0	-1
((2, 0), (2, 6), (4, 1)),9,1			0	-1
((2, 0), (2, 6), (4, 1)),9,0	-1		0	
((2, 0), (2, 6), (4, 1)),8,8		-1	-1	-1
((2, 0), (2, 6), (4, 1)),8,9		15		-1
((2, 0), (2, 6), (4, 1)),8,7			0	-1
((2, 0), (2, 6), (4, 1)),8,6		-1	0	
((2, 0), (2, 6), (4, 1)),8,0	-1	0		
((2, 0), (2, 6), (4, 1)),7,0	0	0	-1	
((2, 0), (2, 6), (4, 1)),7,1	-1		-1	0
((2, 0), (2, 6), (4, 1)),7,2	0		0	-1

$((2, 0), (2, 6), (4, 1)), 7, 3$	0		0	0
$((2, 0), (2, 6), (4, 1)), 7, 4$	0		0	0
$((2, 0), (2, 6), (4, 1)), 7, 5$	0			0
$((2, 0), (2, 6), (4, 1)), 6, 0$	0	0	0	
$((2, 0), (2, 6), (4, 1)), 6, 1$	-1	-1	-1	0
$((2, 0), (2, 6), (4, 1)), 6, 2$		0	0	-1
$((2, 0), (2, 6), (4, 1)), 6, 3$	0	0	0	0
$((2, 0), (2, 6), (4, 1)), 6, 4$		0	0	0
$((2, 0), (2, 6), (4, 1)), 6, 5$	0	0	0	0
$((2, 0), (2, 6), (4, 1)), 6, 6$	0		0	0
$((2, 0), (2, 6), (4, 1)), 6, 7$	0		0	0
$((2, 0), (2, 6), (4, 1)), 6, 8$	0		0	0
$((2, 0), (2, 6), (4, 1)), 6, 9$	0			0
$((2, 0), (2, 6), (4, 1)), 5, 0$	0	0	0	
$((2, 0), (2, 6), (4, 1)), 5, 1$	140	-1		0
$((2, 0), (2, 6), (4, 1)), 5, 3$	0	0		
$((2, 0), (2, 6), (4, 1)), 5, 5$	0	0	0	
$((2, 0), (2, 6), (4, 1)), 5, 6$		0	0	0
$((2, 0), (2, 6), (4, 1)), 5, 7$		0	0	0
$((2, 0), (2, 6), (4, 1)), 5, 8$		0	0	0
$((2, 0), (2, 6), (4, 1)), 5, 9$	0	0		0
$((2, 0), (2, 6), (4, 1)), 4, 0$		0	0	
$((2, 0), (2, 6), (4, 1)), 4, 5$	0	0		
$((2, 0), (2, 6), (4, 1)), 4, 3$		0		
$((2, 0), (2, 6), (4, 1)), 4, 9$	0	0		
$((2, 0), (2, 6), (4, 1)), 3, 5$		0		
$((2, 0), (2, 6), (4, 1)), 3, 9$	0	0		0
$((2, 0), (2, 6), (4, 1)), 3, 8$	0		0	0
$((2, 0), (2, 6), (4, 1)), 3, 7$	0		0	
$((2, 0), (2, 6), (4, 1)), 3, 2$	0			
$((2, 0), (2, 6), (4, 1)), 2, 9$	0	0		0
$((2, 0), (2, 6), (4, 1)), 2, 8$	0	0	0	0
$((2, 0), (2, 6), (4, 1)), 2, 7$	0	0	0	0
$((2, 0), (2, 6), (4, 1)), 2, 4$	0			0
$((2, 0), (2, 6), (4, 1)), 2, 3$	0		0	0
$((2, 0), (2, 6), (4, 1)), 2, 2$	0	0	0	0
$((2, 0), (2, 6), (4, 1)), 2, 1$	0		0	0
$((2, 0), (2, 6), (4, 1)), 1, 9$	0	0		0
$((2, 0), (2, 6), (4, 1)), 1, 8$	0	0	0	0
$((2, 0), (2, 6), (4, 1)), 1, 7$	0	0	0	0
$((2, 0), (2, 6), (4, 1)), 1, 6$	0	0	0	
$((2, 0), (2, 6), (4, 1)), 1, 4$	0	0		0
$((2, 0), (2, 6), (4, 1)), 1, 3$	0	0	0	0
$((2, 0), (2, 6), (4, 1)), 1, 2$	0	0	0	0
$((2, 0), (2, 6), (4, 1)), 1, 1$		0	0	0
$((2, 0), (2, 6), (4, 1)), 1, 0$	0	0	0	
$((2, 0), (2, 6), (4, 1)), 0, 9$		0		0
$((2, 0), (2, 6), (4, 1)), 0, 8$		0	0	0
$((2, 0), (2, 6), (4, 1)), 0, 7$		0	0	0
$((2, 0), (2, 6), (4, 1)), 0, 6$		0	0	0
$((2, 0), (2, 6), (4, 1)), 0, 5$			0	0
$((2, 0), (2, 6), (4, 1)), 0, 4$		0	0	0
$((2, 0), (2, 6), (4, 1)), 0, 3$		0	0	0
$((2, 0), (2, 6), (4, 1)), 0, 2$		0	0	
$((2, 0), (2, 6), (4, 1)), 0, 0$		0		
$((2, 0), (2, 6), (4, 1), (7, 1)), 9, 8$	0		0	
$((2, 0), (2, 6), (4, 1), (7, 1)), 9, 9$	0			0
$((2, 0), (2, 6), (4, 1), (7, 1)), 9, 6$	0			0

((2, 0), (2, 6), (4, 1), (7, 1)),9,5			0	0
((2, 0), (2, 6), (4, 1), (7, 1)),9,4			0	0
((2, 0), (2, 6), (4, 1), (7, 1)),9,3			0	0
((2, 0), (2, 6), (4, 1), (7, 1)),9,2			0	0
((2, 0), (2, 6), (4, 1), (7, 1)),9,1			0	0
((2, 0), (2, 6), (4, 1), (7, 1)),9,0	0		0	
((2, 0), (2, 6), (4, 1), (7, 1)),8,8		0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),8,9		0		0
((2, 0), (2, 6), (4, 1), (7, 1)),8,7			0	0
((2, 0), (2, 6), (4, 1), (7, 1)),8,6		0	0	
((2, 0), (2, 6), (4, 1), (7, 1)),8,0	0	0		
((2, 0), (2, 6), (4, 1), (7, 1)),7,0	0	0	0	
((2, 0), (2, 6), (4, 1), (7, 1)),7,2	0		0	0
((2, 0), (2, 6), (4, 1), (7, 1)),7,3	0		0	0
((2, 0), (2, 6), (4, 1), (7, 1)),7,4	0		0	0
((2, 0), (2, 6), (4, 1), (7, 1)),7,5	0			0
((2, 0), (2, 6), (4, 1), (7, 1)),6,0	0	0	0	
((2, 0), (2, 6), (4, 1), (7, 1)),6,1	0	0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),6,2		0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),6,3	0	0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),6,4		0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),6,5	0	0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),6,6	0		0	0
((2, 0), (2, 6), (4, 1), (7, 1)),6,7	0		0	0
((2, 0), (2, 6), (4, 1), (7, 1)),6,8	0		0	0
((2, 0), (2, 6), (4, 1), (7, 1)),6,9	0			0
((2, 0), (2, 6), (4, 1), (7, 1)),5,0	0	0	0	
((2, 0), (2, 6), (4, 1), (7, 1)),5,1	0	0		0
((2, 0), (2, 6), (4, 1), (7, 1)),5,3	0	0		
((2, 0), (2, 6), (4, 1), (7, 1)),5,5	0	0	0	
((2, 0), (2, 6), (4, 1), (7, 1)),5,6		0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),5,7		0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),5,8		0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),5,9	0	0		0
((2, 0), (2, 6), (4, 1), (7, 1)),4,0		0	0	
((2, 0), (2, 6), (4, 1), (7, 1)),4,5	0	0		
((2, 0), (2, 6), (4, 1), (7, 1)),4,3		0		
((2, 0), (2, 6), (4, 1), (7, 1)),4,9	0	0		
((2, 0), (2, 6), (4, 1), (7, 1)),3,5		0		
((2, 0), (2, 6), (4, 1), (7, 1)),3,9	0	0		0
((2, 0), (2, 6), (4, 1), (7, 1)),3,8	0		0	0
((2, 0), (2, 6), (4, 1), (7, 1)),3,7	0		0	
((2, 0), (2, 6), (4, 1), (7, 1)),3,2	0			
((2, 0), (2, 6), (4, 1), (7, 1)),2,9	0	0		0
((2, 0), (2, 6), (4, 1), (7, 1)),2,8	0	0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),2,7	0	0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),2,4	0			0
((2, 0), (2, 6), (4, 1), (7, 1)),2,3	0		0	0
((2, 0), (2, 6), (4, 1), (7, 1)),2,2	0	0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),2,1	0		0	0
((2, 0), (2, 6), (4, 1), (7, 1)),1,9	0	0		0
((2, 0), (2, 6), (4, 1), (7, 1)),1,8	0	0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),1,7	0	0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),1,6	0	0	0	
((2, 0), (2, 6), (4, 1), (7, 1)),1,4	0	0		0
((2, 0), (2, 6), (4, 1), (7, 1)),1,3	0	0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),1,2	0	0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),1,1		0	0	0

((2, 0), (2, 6), (4, 1), (7, 1)),1,0	0	0	0	
((2, 0), (2, 6), (4, 1), (7, 1)),0,9		0		0
((2, 0), (2, 6), (4, 1), (7, 1)),0,8		0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),0,7		0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),0,6		0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),0,5			0	0
((2, 0), (2, 6), (4, 1), (7, 1)),0,4		0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),0,3		0	0	0
((2, 0), (2, 6), (4, 1), (7, 1)),0,2		0	0	
((2, 0), (2, 6), (4, 1), (7, 1)),0,0		0		
((1, 3), (4, 1)),9,8	0		0	
((1, 3), (4, 1)),9,9	0			0
((1, 3), (4, 1)),9,6	0			0
((1, 3), (4, 1)),9,5			0	0
((1, 3), (4, 1)),9,4			0	0
((1, 3), (4, 1)),9,3			0	0
((1, 3), (4, 1)),9,2			0	0
((1, 3), (4, 1)),9,1			0	0
((1, 3), (4, 1)),9,0	0		0	
((1, 3), (4, 1)),8,8		0	0	0
((1, 3), (4, 1)),8,9		0		0
((1, 3), (4, 1)),8,7			0	0
((1, 3), (4, 1)),8,6		0	0	
((1, 3), (4, 1)),8,0	0	0		
((1, 3), (4, 1)),7,0	0	0	0	
((1, 3), (4, 1)),7,1	0		0	0
((1, 3), (4, 1)),7,2	0		0	0
((1, 3), (4, 1)),7,3	0		0	0
((1, 3), (4, 1)),7,4	0		0	0
((1, 3), (4, 1)),7,5	0			0
((1, 3), (4, 1)),6,0	0	0	0	
((1, 3), (4, 1)),6,1	0	0	0	0
((1, 3), (4, 1)),6,2		0	0	0
((1, 3), (4, 1)),6,3	0	0	0	0
((1, 3), (4, 1)),6,4		0	0	0
((1, 3), (4, 1)),6,5	0	0	0	0
((1, 3), (4, 1)),6,6	0		0	0
((1, 3), (4, 1)),6,7	0		0	0
((1, 3), (4, 1)),6,8	0		0	0
((1, 3), (4, 1)),6,9	0			0
((1, 3), (4, 1)),5,0	0	0	0	
((1, 3), (4, 1)),5,1	0	0		0
((1, 3), (4, 1)),5,3	0	0		
((1, 3), (4, 1)),5,5	0	0	0	
((1, 3), (4, 1)),5,6		0	0	0
((1, 3), (4, 1)),5,7		0	0	0
((1, 3), (4, 1)),5,8		0	0	0
((1, 3), (4, 1)),5,9	0	0		0
((1, 3), (4, 1)),4,0		0	0	
((1, 3), (4, 1)),4,5	0	0		
((1, 3), (4, 1)),4,3		0		
((1, 3), (4, 1)),4,9	0	0		
((1, 3), (4, 1)),3,5		0		
((1, 3), (4, 1)),3,9	0	0		0
((1, 3), (4, 1)),3,8	0		0	0
((1, 3), (4, 1)),3,7	0		0	
((1, 3), (4, 1)),3,2	0			
((1, 3), (4, 1)),2,9	0	0		0

$((1, 3), (4, 1)), 2, 8$	0	0	0	0
$((1, 3), (4, 1)), 2, 7$	0	0	0	0
$((1, 3), (4, 1)), 2, 6$	0		0	
$((1, 3), (4, 1)), 2, 4$	0			0
$((1, 3), (4, 1)), 2, 3$	0		0	0
$((1, 3), (4, 1)), 2, 2$	0	0	0	0
$((1, 3), (4, 1)), 2, 0$	0		0	
$((1, 3), (4, 1)), 2, 1$	0		0	0
$((1, 3), (4, 1)), 1, 9$	0	0		0
$((1, 3), (4, 1)), 1, 8$	0	0	0	0
$((1, 3), (4, 1)), 1, 7$	0	0	0	0
$((1, 3), (4, 1)), 1, 6$	0	0	0	
$((1, 3), (4, 1)), 1, 4$	0	0		0
$((1, 3), (4, 1)), 1, 2$	0	0	0	0
$((1, 3), (4, 1)), 1, 1$		0	0	0
$((1, 3), (4, 1)), 1, 0$	0	0	0	
$((1, 3), (4, 1)), 0, 9$		0		0
$((1, 3), (4, 1)), 0, 8$		0	0	0
$((1, 3), (4, 1)), 0, 7$		0	0	0
$((1, 3), (4, 1)), 0, 6$		0	0	0
$((1, 3), (4, 1)), 0, 5$			0	0
$((1, 3), (4, 1)), 0, 4$		0	0	0
$((1, 3), (4, 1)), 0, 3$		0	0	0
$((1, 3), (4, 1)), 0, 2$		0	0	
$((1, 3), (4, 1)), 0, 0$		0		
$((1, 3), (4, 1), (7, 1)), 9, 8$	0		0	
$((1, 3), (4, 1), (7, 1)), 9, 9$	0			0
$((1, 3), (4, 1), (7, 1)), 9, 6$	0			0
$((1, 3), (4, 1), (7, 1)), 9, 5$			0	0
$((1, 3), (4, 1), (7, 1)), 9, 4$			0	0
$((1, 3), (4, 1), (7, 1)), 9, 3$			0	0
$((1, 3), (4, 1), (7, 1)), 9, 2$			0	0
$((1, 3), (4, 1), (7, 1)), 9, 1$			0	0
$((1, 3), (4, 1), (7, 1)), 9, 0$	0		0	
$((1, 3), (4, 1), (7, 1)), 8, 8$		0	0	0
$((1, 3), (4, 1), (7, 1)), 8, 9$		0		0
$((1, 3), (4, 1), (7, 1)), 8, 7$			0	0
$((1, 3), (4, 1), (7, 1)), 8, 6$		0	0	
$((1, 3), (4, 1), (7, 1)), 8, 0$	0	0		
$((1, 3), (4, 1), (7, 1)), 7, 0$	0	0	0	
$((1, 3), (4, 1), (7, 1)), 7, 2$	0		0	0
$((1, 3), (4, 1), (7, 1)), 7, 3$	0		0	0
$((1, 3), (4, 1), (7, 1)), 7, 4$	0		0	0
$((1, 3), (4, 1), (7, 1)), 7, 5$	0			0
$((1, 3), (4, 1), (7, 1)), 6, 0$	0	0	0	
$((1, 3), (4, 1), (7, 1)), 6, 1$	0	0	0	0
$((1, 3), (4, 1), (7, 1)), 6, 2$		0	0	0
$((1, 3), (4, 1), (7, 1)), 6, 3$	0	0	0	0
$((1, 3), (4, 1), (7, 1)), 6, 4$		0	0	0
$((1, 3), (4, 1), (7, 1)), 6, 5$	0	0	0	0
$((1, 3), (4, 1), (7, 1)), 6, 6$	0		0	0
$((1, 3), (4, 1), (7, 1)), 6, 7$	0		0	0
$((1, 3), (4, 1), (7, 1)), 6, 8$	0		0	0
$((1, 3), (4, 1), (7, 1)), 6, 9$	0			0
$((1, 3), (4, 1), (7, 1)), 5, 0$	0	0	0	
$((1, 3), (4, 1), (7, 1)), 5, 1$	0	0		0
$((1, 3), (4, 1), (7, 1)), 5, 3$	0	0		
$((1, 3), (4, 1), (7, 1)), 5, 5$	0	0	0	

((1, 3), (4, 1), (7, 1)),5,6		0	0	0
((1, 3), (4, 1), (7, 1)),5,7		0	0	0
((1, 3), (4, 1), (7, 1)),5,8		0	0	0
((1, 3), (4, 1), (7, 1)),5,9	0	0		0
((1, 3), (4, 1), (7, 1)),4,0		0	0	
((1, 3), (4, 1), (7, 1)),4,5	0	0		
((1, 3), (4, 1), (7, 1)),4,3		0		
((1, 3), (4, 1), (7, 1)),4,9	0	0		
((1, 3), (4, 1), (7, 1)),3,5		0		
((1, 3), (4, 1), (7, 1)),3,9	0	0		0
((1, 3), (4, 1), (7, 1)),3,8	0		0	0
((1, 3), (4, 1), (7, 1)),3,7	0		0	
((1, 3), (4, 1), (7, 1)),3,2	0			
((1, 3), (4, 1), (7, 1)),2,9	0	0		0
((1, 3), (4, 1), (7, 1)),2,8	0	0	0	0
((1, 3), (4, 1), (7, 1)),2,7	0	0	0	0
((1, 3), (4, 1), (7, 1)),2,6	0		0	
((1, 3), (4, 1), (7, 1)),2,4	0			0
((1, 3), (4, 1), (7, 1)),2,3	0		0	0
((1, 3), (4, 1), (7, 1)),2,2	0	0	0	0
((1, 3), (4, 1), (7, 1)),2,0	0		0	
((1, 3), (4, 1), (7, 1)),2,1	0		0	0
((1, 3), (4, 1), (7, 1)),1,9	0	0		0
((1, 3), (4, 1), (7, 1)),1,8	0	0	0	0
((1, 3), (4, 1), (7, 1)),1,7	0	0	0	0
((1, 3), (4, 1), (7, 1)),1,6	0	0	0	
((1, 3), (4, 1), (7, 1)),1,4	0	0		0
((1, 3), (4, 1), (7, 1)),1,2	0	0	0	0
((1, 3), (4, 1), (7, 1)),1,1		0	0	0
((1, 3), (4, 1), (7, 1)),1,0	0	0	0	
((1, 3), (4, 1), (7, 1)),0,9		0		0
((1, 3), (4, 1), (7, 1)),0,8		0	0	0
((1, 3), (4, 1), (7, 1)),0,7		0	0	0
((1, 3), (4, 1), (7, 1)),0,6		0	0	0
((1, 3), (4, 1), (7, 1)),0,5			0	0
((1, 3), (4, 1), (7, 1)),0,4		0	0	0
((1, 3), (4, 1), (7, 1)),0,3		0	0	0
((1, 3), (4, 1), (7, 1)),0,2		0	0	
((1, 3), (4, 1), (7, 1)),0,0		0		
((1, 3), (2, 6), (4, 1)),9,8	0		0	
((1, 3), (2, 6), (4, 1)),9,9	0			0
((1, 3), (2, 6), (4, 1)),9,6	0			0
((1, 3), (2, 6), (4, 1)),9,5			0	0
((1, 3), (2, 6), (4, 1)),9,4			0	0
((1, 3), (2, 6), (4, 1)),9,3			0	0
((1, 3), (2, 6), (4, 1)),9,2			0	0
((1, 3), (2, 6), (4, 1)),9,1			0	0
((1, 3), (2, 6), (4, 1)),9,0	0		0	
((1, 3), (2, 6), (4, 1)),8,8		0	0	0
((1, 3), (2, 6), (4, 1)),8,9		0		0
((1, 3), (2, 6), (4, 1)),8,7			0	0
((1, 3), (2, 6), (4, 1)),8,6		0	0	
((1, 3), (2, 6), (4, 1)),8,0	0	0		
((1, 3), (2, 6), (4, 1)),7,0	0	0	0	
((1, 3), (2, 6), (4, 1)),7,1	0		0	0
((1, 3), (2, 6), (4, 1)),7,2	0		0	0
((1, 3), (2, 6), (4, 1)),7,3	0		0	0
((1, 3), (2, 6), (4, 1)),7,4	0		0	0

$((1, 3), (2, 6), (4, 1)), 7, 5$	0			0
$((1, 3), (2, 6), (4, 1)), 6, 0$	0	0	0	
$((1, 3), (2, 6), (4, 1)), 6, 1$	0	0	0	0
$((1, 3), (2, 6), (4, 1)), 6, 2$		0	0	0
$((1, 3), (2, 6), (4, 1)), 6, 3$	0	0	0	0
$((1, 3), (2, 6), (4, 1)), 6, 4$		0	0	0
$((1, 3), (2, 6), (4, 1)), 6, 5$	0	0	0	0
$((1, 3), (2, 6), (4, 1)), 6, 6$	0		0	0
$((1, 3), (2, 6), (4, 1)), 6, 7$	0		0	0
$((1, 3), (2, 6), (4, 1)), 6, 8$	0		0	0
$((1, 3), (2, 6), (4, 1)), 6, 9$	0			0
$((1, 3), (2, 6), (4, 1)), 5, 0$	0	0	0	
$((1, 3), (2, 6), (4, 1)), 5, 1$	0	0		0
$((1, 3), (2, 6), (4, 1)), 5, 3$	0	0		
$((1, 3), (2, 6), (4, 1)), 5, 5$	0	0	0	
$((1, 3), (2, 6), (4, 1)), 5, 6$		0	0	0
$((1, 3), (2, 6), (4, 1)), 5, 7$		0	0	0
$((1, 3), (2, 6), (4, 1)), 5, 8$		0	0	0
$((1, 3), (2, 6), (4, 1)), 5, 9$	0	0		0
$((1, 3), (2, 6), (4, 1)), 4, 0$		0	0	
$((1, 3), (2, 6), (4, 1)), 4, 5$	0	0		
$((1, 3), (2, 6), (4, 1)), 4, 3$		0		
$((1, 3), (2, 6), (4, 1)), 4, 9$	0	0		
$((1, 3), (2, 6), (4, 1)), 3, 5$		0		
$((1, 3), (2, 6), (4, 1)), 3, 9$	0	0		0
$((1, 3), (2, 6), (4, 1)), 3, 8$	0		0	0
$((1, 3), (2, 6), (4, 1)), 3, 7$	0		0	
$((1, 3), (2, 6), (4, 1)), 3, 2$	0			
$((1, 3), (2, 6), (4, 1)), 2, 9$	0	0		0
$((1, 3), (2, 6), (4, 1)), 2, 8$	0	0	0	0
$((1, 3), (2, 6), (4, 1)), 2, 7$	0	0	0	0
$((1, 3), (2, 6), (4, 1)), 2, 4$	0			0
$((1, 3), (2, 6), (4, 1)), 2, 3$	0		0	0
$((1, 3), (2, 6), (4, 1)), 2, 2$	0	0	0	0
$((1, 3), (2, 6), (4, 1)), 2, 0$	0		0	
$((1, 3), (2, 6), (4, 1)), 2, 1$	0		0	0
$((1, 3), (2, 6), (4, 1)), 1, 9$	0	0		0
$((1, 3), (2, 6), (4, 1)), 1, 8$	0	0	0	0
$((1, 3), (2, 6), (4, 1)), 1, 7$	0	0	0	0
$((1, 3), (2, 6), (4, 1)), 1, 6$	0	0	0	
$((1, 3), (2, 6), (4, 1)), 1, 4$	0	0		0
$((1, 3), (2, 6), (4, 1)), 1, 2$	0	0	0	0
$((1, 3), (2, 6), (4, 1)), 1, 1$		0	0	0
$((1, 3), (2, 6), (4, 1)), 1, 0$	0	0	0	
$((1, 3), (2, 6), (4, 1)), 0, 9$		0		0
$((1, 3), (2, 6), (4, 1)), 0, 8$		0	0	0
$((1, 3), (2, 6), (4, 1)), 0, 7$		0	0	0
$((1, 3), (2, 6), (4, 1)), 0, 6$		0	0	0
$((1, 3), (2, 6), (4, 1)), 0, 5$			0	0
$((1, 3), (2, 6), (4, 1)), 0, 4$		0	0	0
$((1, 3), (2, 6), (4, 1)), 0, 3$		0	0	0
$((1, 3), (2, 6), (4, 1)), 0, 2$		0	0	
$((1, 3), (2, 6), (4, 1)), 0, 0$		0		
$((1, 3), (2, 6), (4, 1), (7, 1)), 9, 8$	0		0	
$((1, 3), (2, 6), (4, 1), (7, 1)), 9, 9$	0			0
$((1, 3), (2, 6), (4, 1), (7, 1)), 9, 6$	0			0
$((1, 3), (2, 6), (4, 1), (7, 1)), 9, 5$			0	0
$((1, 3), (2, 6), (4, 1), (7, 1)), 9, 4$			0	0

((1, 3), (2, 6), (4, 1), (7, 1)),9,3			0	0
((1, 3), (2, 6), (4, 1), (7, 1)),9,2			0	0
((1, 3), (2, 6), (4, 1), (7, 1)),9,1			0	0
((1, 3), (2, 6), (4, 1), (7, 1)),9,0	0		0	
((1, 3), (2, 6), (4, 1), (7, 1)),8,8		0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),8,9		0		0
((1, 3), (2, 6), (4, 1), (7, 1)),8,7			0	0
((1, 3), (2, 6), (4, 1), (7, 1)),8,6		0	0	
((1, 3), (2, 6), (4, 1), (7, 1)),8,0	0	0		
((1, 3), (2, 6), (4, 1), (7, 1)),7,0	0	0	0	
((1, 3), (2, 6), (4, 1), (7, 1)),7,2	0		0	0
((1, 3), (2, 6), (4, 1), (7, 1)),7,3	0		0	0
((1, 3), (2, 6), (4, 1), (7, 1)),7,4	0		0	0
((1, 3), (2, 6), (4, 1), (7, 1)),7,5	0			0
((1, 3), (2, 6), (4, 1), (7, 1)),6,0	0	0	0	
((1, 3), (2, 6), (4, 1), (7, 1)),6,1	0	0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),6,2		0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),6,3	0	0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),6,4		0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),6,5	0	0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),6,6	0		0	0
((1, 3), (2, 6), (4, 1), (7, 1)),6,7	0		0	0
((1, 3), (2, 6), (4, 1), (7, 1)),6,8	0		0	0
((1, 3), (2, 6), (4, 1), (7, 1)),6,9	0			0
((1, 3), (2, 6), (4, 1), (7, 1)),5,0	0	0	0	
((1, 3), (2, 6), (4, 1), (7, 1)),5,1	0	0		0
((1, 3), (2, 6), (4, 1), (7, 1)),5,3	0	0		
((1, 3), (2, 6), (4, 1), (7, 1)),5,5	0	0	0	
((1, 3), (2, 6), (4, 1), (7, 1)),5,6		0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),5,7		0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),5,8		0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),5,9	0	0		0
((1, 3), (2, 6), (4, 1), (7, 1)),4,0		0	0	
((1, 3), (2, 6), (4, 1), (7, 1)),4,5	0	0		
((1, 3), (2, 6), (4, 1), (7, 1)),4,3		0		
((1, 3), (2, 6), (4, 1), (7, 1)),4,9	0	0		
((1, 3), (2, 6), (4, 1), (7, 1)),3,5		0		
((1, 3), (2, 6), (4, 1), (7, 1)),3,9	0	0		0
((1, 3), (2, 6), (4, 1), (7, 1)),3,8	0		0	0
((1, 3), (2, 6), (4, 1), (7, 1)),3,7	0		0	
((1, 3), (2, 6), (4, 1), (7, 1)),3,2	0			
((1, 3), (2, 6), (4, 1), (7, 1)),2,9	0	0		0
((1, 3), (2, 6), (4, 1), (7, 1)),2,8	0	0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),2,7	0	0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),2,4	0			0
((1, 3), (2, 6), (4, 1), (7, 1)),2,3	0		0	0
((1, 3), (2, 6), (4, 1), (7, 1)),2,2	0	0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),2,0	0		0	
((1, 3), (2, 6), (4, 1), (7, 1)),2,1	0		0	0
((1, 3), (2, 6), (4, 1), (7, 1)),1,9	0	0		0
((1, 3), (2, 6), (4, 1), (7, 1)),1,8	0	0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),1,7	0	0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),1,6	0	0	0	
((1, 3), (2, 6), (4, 1), (7, 1)),1,4	0	0		0
((1, 3), (2, 6), (4, 1), (7, 1)),1,2	0	0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),1,1		0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),1,0	0	0	0	
((1, 3), (2, 6), (4, 1), (7, 1)),0,9		0		0

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((1, 3), (2, 6), (4, 1), (7, 1)),0,7		0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),0,6		0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),0,5			0	0
((1, 3), (2, 6), (4, 1), (7, 1)),0,4		0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),0,3		0	0	0
((1, 3), (2, 6), (4, 1), (7, 1)),0,2		0	0	
((1, 3), (2, 6), (4, 1), (7, 1)),0,0		0		
((4, 1)),9,8	20994		20996	
((4, 1)),9,9	20981			20995
((4, 1)),9,6	20992			20990
((4, 1)),9,5			20991	20989
((4, 1)),9,4			20990	20988
((4, 1)),9,3			20989	20793
((4, 1)),9,2			20794	20792
((4, 1)),9,1			20793	20791
((4, 1)),9,0	20790		20792	
((4, 1)),8,8		20995	20981	20993
((4, 1)),8,9		20982		20994
((4, 1)),8,7			20994	20992
((4, 1)),8,6		20991	20993	
((4, 1)),8,0	20789	20791		
((4, 1)),7,0	20704	20790	20704	
((4, 1)),7,1	20703		20703	20705
((4, 1)),7,2	20702		20702	20704
((4, 1)),7,3	20701		20701	20703
((4, 1)),7,4	20700		20700	20702
((4, 1)),7,5	20699			20701
((4, 1)),6,0	20703	20705	20703	
((4, 1)),6,1	20702	20704	20702	20704
((4, 1)),6,2		20703	20701	20703
((4, 1)),6,3	20700	20702	20700	20702
((4, 1)),6,4		20701	20699	20701
((4, 1)),6,5	20698	20700	20698	20700
((4, 1)),6,6	20697		20697	20699
((4, 1)),6,7	20696		20696	20698
((4, 1)),6,8	20695		20695	20697
((4, 1)),6,9	20694			20696
((4, 1)),5,0	20702	20704	20702	
((4, 1)),5,1	-16	20703		20703
((4, 1)),5,3	20699	20701		
((4, 1)),5,5	20697	20699	20697	
((4, 1)),5,6		20698	20696	20698
((4, 1)),5,7		20697	20695	20697
((4, 1)),5,8		20696	20694	20696
((4, 1)),5,9	20693	20695		20695
((4, 1)),4,0		20703	-16	
((4, 1)),4,5	20696	20698		
((4, 1)),4,3		20700		
((4, 1)),4,9	20692	20694		
((4, 1)),3,5		20697		
((4, 1)),3,9	20691	20693		20691
((4, 1)),3,8	20690		20692	20688
((4, 1)),3,7	20689		20691	
((4, 1)),3,2	20141			
((4, 1)),2,9	20690	20692		20690
((4, 1)),2,8	20689	20691	20691	20689
((4, 1)),2,7	20688	20690	20690	20688

$((4, 1),), 2, 6$	20687		20689	
$((4, 1),), 2, 4$	20144			20142
$((4, 1),), 2, 3$	20143		20143	20141
$((4, 1),), 2, 2$	20142	20140	20142	20140
$((4, 1),), 2, 0$	20140		20140	
$((4, 1),), 2, 1$	20141		20141	20139
$((4, 1),), 1, 9$	20689	20691		20689
$((4, 1),), 1, 8$	20149	20690	20690	20688
$((4, 1),), 1, 7$	20148	20689	20689	20687
$((4, 1),), 1, 6$	20147	20688	20688	
$((4, 1),), 1, 4$	20145	20143		20143
$((4, 1),), 1, 3$	20144	20142	20144	20142
$((4, 1),), 1, 2$	20143	20141	20143	20141
$((4, 1),), 1, 1$		20140	20142	20140
$((4, 1),), 1, 0$	20139	20139	20141	
$((4, 1),), 0, 9$		20690		20688
$((4, 1),), 0, 8$		20689	20689	20225
$((4, 1),), 0, 7$		20149	20688	20147
$((4, 1),), 0, 6$		20148	20148	20146
$((4, 1),), 0, 5$			20147	20145
$((4, 1),), 0, 4$		20144	20146	20144
$((4, 1),), 0, 3$		20143	20145	20143
$((4, 1),), 0, 2$		20142	20144	
$((4, 1),), 0, 0$		20140		
$((4, 1), (7, 1)), 9, 8$	859		882	
$((4, 1), (7, 1)), 9, 9$	888			874
$((4, 1), (7, 1)), 9, 6$	945			947
$((4, 1), (7, 1)), 9, 5$			946	948
$((4, 1), (7, 1)), 9, 4$			947	949
$((4, 1), (7, 1)), 9, 3$			948	950
$((4, 1), (7, 1)), 9, 2$			949	951
$((4, 1), (7, 1)), 9, 1$			950	5672
$((4, 1), (7, 1)), 9, 0$	7377		951	
$((4, 1), (7, 1)), 8, 8$		874	858	944
$((4, 1), (7, 1)), 8, 9$		889		943
$((4, 1), (7, 1)), 8, 7$			943	945
$((4, 1), (7, 1)), 8, 6$		946	944	
$((4, 1), (7, 1)), 8, 0$	7406	952		
$((4, 1), (7, 1)), 7, 0$	5673	5673	10115	
$((4, 1), (7, 1)), 7, 2$	0		0	0
$((4, 1), (7, 1)), 7, 3$	0		0	0
$((4, 1), (7, 1)), 7, 4$	0		0	0
$((4, 1), (7, 1)), 7, 5$	0			0
$((4, 1), (7, 1)), 6, 0$	5672	7406	0	
$((4, 1), (7, 1)), 6, 1$	0	0	0	0
$((4, 1), (7, 1)), 6, 2$		0	0	0
$((4, 1), (7, 1)), 6, 3$	0	0	0	0
$((4, 1), (7, 1)), 6, 4$		0	0	0
$((4, 1), (7, 1)), 6, 5$	0	0	0	0
$((4, 1), (7, 1)), 6, 6$	0		0	0
$((4, 1), (7, 1)), 6, 7$	0		0	0
$((4, 1), (7, 1)), 6, 8$	0		0	0
$((4, 1), (7, 1)), 6, 9$	0			0
$((4, 1), (7, 1)), 5, 0$	-1	5673	0	
$((4, 1), (7, 1)), 5, 1$	0	0		0
$((4, 1), (7, 1)), 5, 3$	0	0		
$((4, 1), (7, 1)), 5, 5$	0	0	0	
$((4, 1), (7, 1)), 5, 6$		0	0	0

$((4, 1), (7, 1)), 5, 7$		0	0	0
$((4, 1), (7, 1)), 5, 8$		0	0	0
$((4, 1), (7, 1)), 5, 9$	0	0		0
$((4, 1), (7, 1)), 4, 0$		-1	0	
$((4, 1), (7, 1)), 4, 5$	0	0		
$((4, 1), (7, 1)), 4, 3$		0		
$((4, 1), (7, 1)), 4, 9$	0	0		
$((4, 1), (7, 1)), 3, 5$		0		
$((4, 1), (7, 1)), 3, 9$	0	0		0
$((4, 1), (7, 1)), 3, 8$	0		0	0
$((4, 1), (7, 1)), 3, 7$	0		0	
$((4, 1), (7, 1)), 3, 2$	0			
$((4, 1), (7, 1)), 2, 9$	0	0		0
$((4, 1), (7, 1)), 2, 8$	0	0	0	0
$((4, 1), (7, 1)), 2, 7$	0	0	0	0
$((4, 1), (7, 1)), 2, 6$	0		0	
$((4, 1), (7, 1)), 2, 4$	0			0
$((4, 1), (7, 1)), 2, 3$	0		0	0
$((4, 1), (7, 1)), 2, 2$	0	0	0	0
$((4, 1), (7, 1)), 2, 0$	0		0	
$((4, 1), (7, 1)), 2, 1$	0		0	0
$((4, 1), (7, 1)), 1, 9$	0	0		0
$((4, 1), (7, 1)), 1, 8$	0	0	0	0
$((4, 1), (7, 1)), 1, 7$	0	0	0	0
$((4, 1), (7, 1)), 1, 6$	0	0	0	
$((4, 1), (7, 1)), 1, 4$	0	0		0
$((4, 1), (7, 1)), 1, 3$	0	0	0	0
$((4, 1), (7, 1)), 1, 2$	0	0	0	0
$((4, 1), (7, 1)), 1, 1$		0	0	0
$((4, 1), (7, 1)), 1, 0$	0	0	0	
$((4, 1), (7, 1)), 0, 9$		0		0
$((4, 1), (7, 1)), 0, 8$		0	0	0
$((4, 1), (7, 1)), 0, 7$		0	0	0
$((4, 1), (7, 1)), 0, 6$		0	0	0
$((4, 1), (7, 1)), 0, 5$			0	0
$((4, 1), (7, 1)), 0, 4$		0	0	0
$((4, 1), (7, 1)), 0, 3$		0	0	0
$((4, 1), (7, 1)), 0, 2$		0	0	
$((4, 1), (7, 1)), 0, 0$		0		
$((2, 6), (4, 1)), 9, 8$	433		435	
$((2, 6), (4, 1)), 9, 9$	427			434
$((2, 6), (4, 1)), 9, 6$	410			408
$((2, 6), (4, 1)), 9, 5$			409	407
$((2, 6), (4, 1)), 9, 4$			408	406
$((2, 6), (4, 1)), 9, 3$			407	314
$((2, 6), (4, 1)), 9, 2$			315	313
$((2, 6), (4, 1)), 9, 1$			314	312
$((2, 6), (4, 1)), 9, 0$	345		313	
$((2, 6), (4, 1)), 8, 8$		434	427	411
$((2, 6), (4, 1)), 8, 9$		428		426
$((2, 6), (4, 1)), 8, 7$			412	410
$((2, 6), (4, 1)), 8, 6$		409	411	
$((2, 6), (4, 1)), 8, 0$	346	344		
$((2, 6), (4, 1)), 7, 0$	347	345	347	
$((2, 6), (4, 1)), 7, 1$	348		129	346
$((2, 6), (4, 1)), 7, 2$	130		-2	130
$((2, 6), (4, 1)), 7, 3$	-2		127	129
$((2, 6), (4, 1)), 7, 4$	-1		-3	128

((2, 6), (4, 1)),7,5	-2			-2
((2, 6), (4, 1)),6,0	348	346	348	
((2, 6), (4, 1)),6,1	349	130	130	130
((2, 6), (4, 1)),6,2		129	129	131
((2, 6), (4, 1)),6,3	-2	-2	-3	130
((2, 6), (4, 1)),6,4		-2	-2	-2
((2, 6), (4, 1)),6,5	-2	-3	-1	-2
((2, 6), (4, 1)),6,6	-2		0	-1
((2, 6), (4, 1)),6,7	-2		-1	0
((2, 6), (4, 1)),6,8	-1		-1	-1
((2, 6), (4, 1)),6,9	-1			0
((2, 6), (4, 1)),5,0	2658	347	2658	
((2, 6), (4, 1)),5,1	2659	-2		2657
((2, 6), (4, 1)),5,3	-3	-2		
((2, 6), (4, 1)),5,5	-3	-1	-1	
((2, 6), (4, 1)),5,6		-1	-1	-2
((2, 6), (4, 1)),5,7		-1	-1	-2
((2, 6), (4, 1)),5,8		-1	-1	-1
((2, 6), (4, 1)),5,9	-1	0		-1
((2, 6), (4, 1)),4,0		0	3677	
((2, 6), (4, 1)),4,5	-3	-2		
((2, 6), (4, 1)),4,3		-2		
((2, 6), (4, 1)),4,9	-1	-1		
((2, 6), (4, 1)),3,5		-3		
((2, 6), (4, 1)),3,9	-1	-2		-1
((2, 6), (4, 1)),3,8	0		-2	0
((2, 6), (4, 1)),3,7	0		0	
((2, 6), (4, 1)),3,2	0			
((2, 6), (4, 1)),2,9	-1	-2		0
((2, 6), (4, 1)),2,8	0	0	0	0
((2, 6), (4, 1)),2,7	0	0	0	0
((2, 6), (4, 1)),2,4	0			0
((2, 6), (4, 1)),2,3	0		0	0
((2, 6), (4, 1)),2,2	0	0	0	0
((2, 6), (4, 1)),2,0	0		0	
((2, 6), (4, 1)),2,1	0		0	0
((2, 6), (4, 1)),1,9	-1	-1		-1
((2, 6), (4, 1)),1,8	-1	0	-2	-1
((2, 6), (4, 1)),1,7	-1	0	-1	-1
((2, 6), (4, 1)),1,6	-1	12407	0	
((2, 6), (4, 1)),1,4	0	0		0
((2, 6), (4, 1)),1,3	0	0	0	0
((2, 6), (4, 1)),1,2	0	0	0	0
((2, 6), (4, 1)),1,1		0	0	0
((2, 6), (4, 1)),1,0	0	0	0	
((2, 6), (4, 1)),0,9		-2		-1
((2, 6), (4, 1)),0,8		-1	0	-1
((2, 6), (4, 1)),0,7		-1	-1	0
((2, 6), (4, 1)),0,6		-1	0	0
((2, 6), (4, 1)),0,5			0	0
((2, 6), (4, 1)),0,4		0	0	0
((2, 6), (4, 1)),0,3		0	0	0
((2, 6), (4, 1)),0,2		0	0	
((2, 6), (4, 1)),0,0		0		
((2, 6), (4, 1), (7, 1)),9,8	109		125	
((2, 6), (4, 1), (7, 1)),9,9	124			117
((2, 6), (4, 1), (7, 1)),9,6	114			-2
((2, 6), (4, 1), (7, 1)),9,5			-2	-1

((2, 6), (4, 1), (7, 1)),9,4			-2	-2
((2, 6), (4, 1), (7, 1)),9,3			-3	-1
((2, 6), (4, 1), (7, 1)),9,2			-2	-1
((2, 6), (4, 1), (7, 1)),9,1			0	-1
((2, 6), (4, 1), (7, 1)),9,0	-1		-1	
((2, 6), (4, 1), (7, 1)),8,8		117	124	115
((2, 6), (4, 1), (7, 1)),8,9		125		123
((2, 6), (4, 1), (7, 1)),8,7			116	114
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((2, 6), (4, 1), (7, 1)),6,3	0	0	0	0
((2, 6), (4, 1), (7, 1)),6,4		0	0	0
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((2, 6), (4, 1), (7, 1)),6,6	0		0	0
((2, 6), (4, 1), (7, 1)),6,7	0		0	0
((2, 6), (4, 1), (7, 1)),6,8	0		0	0
((2, 6), (4, 1), (7, 1)),6,9	0			0
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((2, 6), (4, 1), (7, 1)),5,1	0	0		0
((2, 6), (4, 1), (7, 1)),5,3	0	0		
((2, 6), (4, 1), (7, 1)),5,5	0	0	0	
((2, 6), (4, 1), (7, 1)),5,6		0	0	0
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((2, 6), (4, 1), (7, 1)),3,7	0		0	
((2, 6), (4, 1), (7, 1)),3,2	0			
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((2, 6), (4, 1), (7, 1)),2,1	0		0	0
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((1, 3), (2, 0), (4, 5)),9,6	95			-4
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((1, 3), (2, 0), (4, 5)),9,0	-2		-3	
((1, 3), (2, 0), (4, 5)),8,8		91	98	96
((1, 3), (2, 0), (4, 5)),8,9		99		97
((1, 3), (2, 0), (4, 5)),8,7			97	95
((1, 3), (2, 0), (4, 5)),8,6		94	96	
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((1, 3), (2, 0), (4, 5)),4,3		-2		
((1, 3), (2, 0), (4, 5)),4,9	0	0		
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((1, 3), (2, 0), (4, 5)),7,2	0		-1	0
((1, 3), (2, 0), (4, 5)),7,3	-1		-2	-1
((1, 3), (2, 0), (4, 5)),7,4	-1		-2	-2
((1, 3), (2, 0), (4, 5)),7,5	-2			-2
((1, 3), (2, 0), (4, 5)),5,1	0	0		0
((1, 3), (2, 0), (4, 5)),5,0	0	0	0	
((1, 3), (2, 0), (4, 5)),5,3	-1	-1		
((1, 3), (2, 0), (4, 5)),5,5	1	-1	0	
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((1, 3), (2, 0), (4, 5)),5,7		0	0	0
((1, 3), (2, 0), (4, 5)),5,8		0	0	0
((1, 3), (2, 0), (4, 5)),5,9	0	0		0
((1, 3), (2, 0), (4, 5)),6,0	0	0	0	
((1, 3), (2, 0), (4, 5)),6,1	0	0	0	0
((1, 3), (2, 0), (4, 5)),6,2		0	0	0
((1, 3), (2, 0), (4, 5)),6,3	-1	-2	-1	0
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((1, 3), (2, 0), (4, 5)),6,5	-1	-3	-1	-1
((1, 3), (2, 0), (4, 5)),6,6	0		-1	-1
((1, 3), (2, 0), (4, 5)),6,7	0		0	-1
((1, 3), (2, 0), (4, 5)),6,8	0		0	0
((1, 3), (2, 0), (4, 5)),6,9	0			0
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((1, 3), (2, 0), (4, 5)),3,8	0		0	0
((1, 3), (2, 0), (4, 5)),3,7	0		0	
((1, 3), (2, 0), (4, 5)),3,2	0			
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((1, 3), (2, 0), (4, 5)),2,4	0			0
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((1, 3), (2, 0), (4, 5)),1,7	0	0	0	0
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((1, 3), (2, 0), (4, 5)),1,4	0	0		0
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((1, 3), (2, 0), (4, 5)),0,0		0		
((1, 3), (2, 0), (4, 5), (7, 1)),9,8	0		0	
((1, 3), (2, 0), (4, 5), (7, 1)),9,9	0			0
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((1, 3), (2, 0), (4, 5), (7, 1)),7,2	0		0	0
((1, 3), (2, 0), (4, 5), (7, 1)),7,3	0		0	0
((1, 3), (2, 0), (4, 5), (7, 1)),7,4	0		0	0
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((1, 3), (2, 0), (4, 5), (7, 1)),6,8	0		0	0
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((1, 3), (2, 0), (4, 5), (7, 1)),3,9	0	0		0
((1, 3), (2, 0), (4, 5), (7, 1)),3,8	0		0	0
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((1, 3), (2, 0), (4, 5), (7, 1)),2,9	0	0		0
((1, 3), (2, 0), (4, 5), (7, 1)),2,8	0	0	0	0
((1, 3), (2, 0), (4, 5), (7, 1)),2,7	0	0	0	0
((1, 3), (2, 0), (4, 5), (7, 1)),2,6	0		0	
((1, 3), (2, 0), (4, 5), (7, 1)),2,4	0			0
((1, 3), (2, 0), (4, 5), (7, 1)),2,3	0		0	0
((1, 3), (2, 0), (4, 5), (7, 1)),2,2	0	0	0	0
((1, 3), (2, 0), (4, 5), (7, 1)),2,1	0		0	0
((1, 3), (2, 0), (4, 5), (7, 1)),1,9	0	0		0
((1, 3), (2, 0), (4, 5), (7, 1)),1,8	0	0	0	0
((1, 3), (2, 0), (4, 5), (7, 1)),1,7	0	0	0	0
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((1, 3), (2, 0), (4, 5), (7, 1)),1,4	0	0		0
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((1, 3), (2, 0), (4, 5), (7, 1)),0,6		0	0	0
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((1, 3), (2, 0), (4, 5), (7, 1)),0,3		0	0	0
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((1, 3), (2, 0), (2, 6), (4, 5)),3,9	0	0		0
((1, 3), (2, 0), (2, 6), (4, 5)),3,8	0		0	0
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((1, 3), (2, 0), (2, 6), (4, 5)),3,2	0			
((1, 3), (2, 0), (2, 6), (4, 5)),2,9	0	0		0
((1, 3), (2, 0), (2, 6), (4, 5)),2,8	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 5)),2,7	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 5)),2,4	0			0
((1, 3), (2, 0), (2, 6), (4, 5)),2,3	0		0	0
((1, 3), (2, 0), (2, 6), (4, 5)),2,2	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 5)),2,1	0		0	0
((1, 3), (2, 0), (2, 6), (4, 5)),1,9	0	0		0
((1, 3), (2, 0), (2, 6), (4, 5)),1,8	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 5)),1,7	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 5)),1,6	0	0	0	
((1, 3), (2, 0), (2, 6), (4, 5)),1,4	0	0		0
((1, 3), (2, 0), (2, 6), (4, 5)),1,2	0	0	0	0
((1, 3), (2, 0), (2, 6), (4, 5)),1,1		0	0	0
((1, 3), (2, 0), (2, 6), (4, 5)),1,0	0	0	0	
((1, 3), (2, 0), (2, 6), (4, 5)),0,9		0		0
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((1, 3), (2, 0), (2, 6), (4, 5), (7, 1)),9,8	0		0	
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[illegible]

((2, 0), (4, 5)),9,8	901		903	
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((2, 0), (4, 5)),7,0	625	627	625	
((2, 0), (4, 5)),7,1	3210		3378	626
((2, 0), (4, 5)),7,2	3377		3379	443
((2, 0), (4, 5)),7,3	3380		5387	3378
((2, 0), (4, 5)),7,4	5386		5388	3379
((2, 0), (4, 5)),7,5	5389			5387
((2, 0), (4, 5)),5,1	349	3376		624
((2, 0), (4, 5)),5,0	350	625	3375	
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((2, 0), (4, 5)),5,6		-1	-1	5390
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((2, 0), (4, 5)),6,0	3374	626	3376	
((2, 0), (4, 5)),6,1	3375	3209	3377	3375
((2, 0), (4, 5)),6,2		3378	3212	3376
((2, 0), (4, 5)),6,3	348	3379	3381	3211
((2, 0), (4, 5)),6,4		5387	5389	349
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((2, 0), (4, 5)),6,6	3214		-1	3214
((2, 0), (4, 5)),6,7	-1		0	3213
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((2, 0), (4, 5)),3,7	0		0	
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((2, 0), (4, 5)),2,7	0	0	0	0
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((2, 0), (4, 5)),1,9	0	0		0
((2, 0), (4, 5)),1,8	0	0	0	0
((2, 0), (4, 5)),1,7	0	0	0	0
((2, 0), (4, 5)),1,6	0	0	0	

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((2, 0), (4, 5), (7, 1)),2,4	0			0
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((2, 0), (4, 5), (7, 1)),1,8	0	0	0	0
((2, 0), (4, 5), (7, 1)),1,7	0	0	0	0
((2, 0), (4, 5), (7, 1)),1,6	0	0	0	
((2, 0), (4, 5), (7, 1)),1,4	0	0		0
((2, 0), (4, 5), (7, 1)),1,3	0	0	0	0
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((2, 0), (2, 6), (4, 5)),2,3	0		0	0
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((2, 0), (2, 6), (4, 5)),1,9	0	0		0
((2, 0), (2, 6), (4, 5)),1,8	0	0	0	0
((2, 0), (2, 6), (4, 5)),1,7	0	0	0	0
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((2, 0), (2, 6), (4, 5), (7, 1)),9,9	0			0
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((2, 0), (2, 6), (4, 5), (7, 1)),3,9	0	0		0
((2, 0), (2, 6), (4, 5), (7, 1)),3,8	0		0	0
((2, 0), (2, 6), (4, 5), (7, 1)),3,7	0		0	
((2, 0), (2, 6), (4, 5), (7, 1)),3,2	0			
((2, 0), (2, 6), (4, 5), (7, 1)),2,9	0	0		0
((2, 0), (2, 6), (4, 5), (7, 1)),2,8	0	0	0	0
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((2, 0), (2, 6), (4, 5), (7, 1)),1,9	0	0		0
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((2, 0), (2, 6), (4, 5), (7, 1)),1,4	0	0		0
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((2, 0), (2, 6), (4, 5), (7, 1)),1,2	0	0	0	0
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((1, 3), (4, 5)),9,8	41		50	
((1, 3), (4, 5)),9,9	49			49
((1, 3), (4, 5)),9,6	39			37
((1, 3), (4, 5)),9,5			38	36
((1, 3), (4, 5)),9,4			37	35
((1, 3), (4, 5)),9,3			36	34

$((1, 3), (4, 5)), 9, 2$			35	33
$((1, 3), (4, 5)), 9, 1$			34	32
$((1, 3), (4, 5)), 9, 0$	31		33	
$((1, 3), (4, 5)), 8, 8$		42	42	40
$((1, 3), (4, 5)), 8, 9$		57		13
$((1, 3), (4, 5)), 8, 7$			41	39
$((1, 3), (4, 5)), 8, 6$		38	40	
$((1, 3), (4, 5)), 8, 0$	30	32		
$((1, 3), (4, 5)), 4, 1$		-2		-3
$((1, 3), (4, 5)), 4, 0$		-2	-3	
$((1, 3), (4, 5)), 4, 3$		-2		
$((1, 3), (4, 5)), 4, 9$	0	0		
$((1, 3), (4, 5)), 7, 0$	-1	31	29	
$((1, 3), (4, 5)), 7, 1$	-2		28	30
$((1, 3), (4, 5)), 7, 2$	-2		-1	29
$((1, 3), (4, 5)), 7, 3$	0		-2	-2
$((1, 3), (4, 5)), 7, 4$	-2		-2	-1
$((1, 3), (4, 5)), 7, 5$	-1			-2
$((1, 3), (4, 5)), 5, 1$	-2	-1		-2
$((1, 3), (4, 5)), 5, 0$	-1	-1	-2	
$((1, 3), (4, 5)), 5, 3$	-1	-1		
$((1, 3), (4, 5)), 5, 5$	668	-1	0	
$((1, 3), (4, 5)), 5, 6$		-1	-2	-1
$((1, 3), (4, 5)), 5, 7$		-1	-1	-1
$((1, 3), (4, 5)), 5, 8$		-1	-1	-1
$((1, 3), (4, 5)), 5, 9$	0	0		-1
$((1, 3), (4, 5)), 6, 0$	-2	-2	-2	
$((1, 3), (4, 5)), 6, 1$	-1	-2	-2	-1
$((1, 3), (4, 5)), 6, 2$		-2	-1	-1
$((1, 3), (4, 5)), 6, 3$	-1	-1	-2	-1
$((1, 3), (4, 5)), 6, 4$		-2	-1	-1
$((1, 3), (4, 5)), 6, 5$	-1	0	-1	-2
$((1, 3), (4, 5)), 6, 6$	-2		0	-1
$((1, 3), (4, 5)), 6, 7$	-2		0	0
$((1, 3), (4, 5)), 6, 8$	-1		0	0
$((1, 3), (4, 5)), 6, 9$	0			0
$((1, 3), (4, 5)), 3, 9$	0	0		0
$((1, 3), (4, 5)), 3, 8$	0		0	0
$((1, 3), (4, 5)), 3, 7$	0		0	
$((1, 3), (4, 5)), 3, 2$	0			
$((1, 3), (4, 5)), 2, 9$	0	0		0
$((1, 3), (4, 5)), 2, 8$	0	0	0	0
$((1, 3), (4, 5)), 2, 7$	0	0	0	0
$((1, 3), (4, 5)), 2, 6$	0		0	
$((1, 3), (4, 5)), 2, 4$	0			0
$((1, 3), (4, 5)), 2, 3$	0		0	0
$((1, 3), (4, 5)), 2, 2$	0	0	0	0
$((1, 3), (4, 5)), 2, 0$	0		0	
$((1, 3), (4, 5)), 2, 1$	0		0	0
$((1, 3), (4, 5)), 1, 9$	0	0		0
$((1, 3), (4, 5)), 1, 8$	0	0	0	0
$((1, 3), (4, 5)), 1, 7$	0	0	0	0
$((1, 3), (4, 5)), 1, 6$	0	0	0	
$((1, 3), (4, 5)), 1, 4$	0	0		0
$((1, 3), (4, 5)), 1, 2$	0	0	0	0
$((1, 3), (4, 5)), 1, 1$		0	0	0
$((1, 3), (4, 5)), 1, 0$	0	0	0	
$((1, 3), (4, 5)), 0, 9$		0		0

((1, 3), (4, 5)),0,8		0	0	0
((1, 3), (4, 5)),0,7		0	0	0
((1, 3), (4, 5)),0,6		0	0	0
((1, 3), (4, 5)),0,5			0	0
((1, 3), (4, 5)),0,4		0	0	0
((1, 3), (4, 5)),0,3		0	0	0
((1, 3), (4, 5)),0,2		0	0	
((1, 3), (4, 5)),0,0		0		
((1, 3), (4, 5), (7, 1)),9,8	0		0	
((1, 3), (4, 5), (7, 1)),9,9	0			0
((1, 3), (4, 5), (7, 1)),9,6	0			0
((1, 3), (4, 5), (7, 1)),9,5			0	0
((1, 3), (4, 5), (7, 1)),9,4			0	0
((1, 3), (4, 5), (7, 1)),9,3			0	0
((1, 3), (4, 5), (7, 1)),9,2			0	0
((1, 3), (4, 5), (7, 1)),9,1			0	0
((1, 3), (4, 5), (7, 1)),9,0	0		0	
((1, 3), (4, 5), (7, 1)),8,8		0	0	0
((1, 3), (4, 5), (7, 1)),8,9		0		0
((1, 3), (4, 5), (7, 1)),8,7			0	0
((1, 3), (4, 5), (7, 1)),8,6		0	0	
((1, 3), (4, 5), (7, 1)),8,0	0	0		
((1, 3), (4, 5), (7, 1)),7,0	0	0	0	
((1, 3), (4, 5), (7, 1)),7,2	0		0	0
((1, 3), (4, 5), (7, 1)),7,3	0		0	0
((1, 3), (4, 5), (7, 1)),7,4	0		0	0
((1, 3), (4, 5), (7, 1)),7,5	0			0
((1, 3), (4, 5), (7, 1)),4,1		0		0
((1, 3), (4, 5), (7, 1)),4,0		0	0	
((1, 3), (4, 5), (7, 1)),4,3		0		
((1, 3), (4, 5), (7, 1)),4,9	0	0		
((1, 3), (4, 5), (7, 1)),6,0	0	0	0	
((1, 3), (4, 5), (7, 1)),6,1	0	0	0	0
((1, 3), (4, 5), (7, 1)),6,2		0	0	0
((1, 3), (4, 5), (7, 1)),6,3	0	0	0	0
((1, 3), (4, 5), (7, 1)),6,4		0	0	0
((1, 3), (4, 5), (7, 1)),6,5	0	0	0	0
((1, 3), (4, 5), (7, 1)),6,6	0		0	0
((1, 3), (4, 5), (7, 1)),6,7	0		0	0
((1, 3), (4, 5), (7, 1)),6,8	0		0	0
((1, 3), (4, 5), (7, 1)),6,9	0			0
((1, 3), (4, 5), (7, 1)),5,1	0	0		0
((1, 3), (4, 5), (7, 1)),5,0	0	0	0	
((1, 3), (4, 5), (7, 1)),5,3	0	0		
((1, 3), (4, 5), (7, 1)),5,5	0	0	0	
((1, 3), (4, 5), (7, 1)),5,6		0	0	0
((1, 3), (4, 5), (7, 1)),5,7		0	0	0
((1, 3), (4, 5), (7, 1)),5,8		0	0	0
((1, 3), (4, 5), (7, 1)),5,9	0	0		0
((1, 3), (4, 5), (7, 1)),3,9	0	0		0
((1, 3), (4, 5), (7, 1)),3,8	0		0	0
((1, 3), (4, 5), (7, 1)),3,7	0		0	
((1, 3), (4, 5), (7, 1)),3,2	0			
((1, 3), (4, 5), (7, 1)),2,9	0	0		0
((1, 3), (4, 5), (7, 1)),2,8	0	0	0	0
((1, 3), (4, 5), (7, 1)),2,7	0	0	0	0
((1, 3), (4, 5), (7, 1)),2,6	0		0	
((1, 3), (4, 5), (7, 1)),2,4	0			0

$((1, 3), (4, 5), (7, 1)), 2, 3$	0		0	0
$((1, 3), (4, 5), (7, 1)), 2, 2$	0	0	0	0
$((1, 3), (4, 5), (7, 1)), 2, 0$	0		0	
$((1, 3), (4, 5), (7, 1)), 2, 1$	0		0	0
$((1, 3), (4, 5), (7, 1)), 1, 9$	0	0		0
$((1, 3), (4, 5), (7, 1)), 1, 8$	0	0	0	0
$((1, 3), (4, 5), (7, 1)), 1, 7$	0	0	0	0
$((1, 3), (4, 5), (7, 1)), 1, 6$	0	0	0	
$((1, 3), (4, 5), (7, 1)), 1, 4$	0	0		0
$((1, 3), (4, 5), (7, 1)), 1, 2$	0	0	0	0
$((1, 3), (4, 5), (7, 1)), 1, 1$		0	0	0
$((1, 3), (4, 5), (7, 1)), 1, 0$	0	0	0	
$((1, 3), (4, 5), (7, 1)), 0, 9$		0		0
$((1, 3), (4, 5), (7, 1)), 0, 8$		0	0	0
$((1, 3), (4, 5), (7, 1)), 0, 7$		0	0	0
$((1, 3), (4, 5), (7, 1)), 0, 6$		0	0	0
$((1, 3), (4, 5), (7, 1)), 0, 5$			0	0
$((1, 3), (4, 5), (7, 1)), 0, 4$		0	0	0
$((1, 3), (4, 5), (7, 1)), 0, 3$		0	0	0
$((1, 3), (4, 5), (7, 1)), 0, 2$		0	0	
$((1, 3), (4, 5), (7, 1)), 0, 0$		0		
$((1, 3), (2, 6), (4, 5)), 9, 8$	0		0	
$((1, 3), (2, 6), (4, 5)), 9, 9$	0			0
$((1, 3), (2, 6), (4, 5)), 9, 6$	0			0
$((1, 3), (2, 6), (4, 5)), 9, 5$			0	0
$((1, 3), (2, 6), (4, 5)), 9, 4$			0	0
$((1, 3), (2, 6), (4, 5)), 9, 3$			0	0
$((1, 3), (2, 6), (4, 5)), 9, 2$			0	0
$((1, 3), (2, 6), (4, 5)), 9, 1$			0	0
$((1, 3), (2, 6), (4, 5)), 9, 0$	0		0	
$((1, 3), (2, 6), (4, 5)), 8, 8$		0	0	0
$((1, 3), (2, 6), (4, 5)), 8, 9$		0		0
$((1, 3), (2, 6), (4, 5)), 8, 7$			0	0
$((1, 3), (2, 6), (4, 5)), 8, 6$		0	0	
$((1, 3), (2, 6), (4, 5)), 8, 0$	0	0		
$((1, 3), (2, 6), (4, 5)), 4, 1$		0		0
$((1, 3), (2, 6), (4, 5)), 4, 0$		0	0	
$((1, 3), (2, 6), (4, 5)), 4, 3$		0		
$((1, 3), (2, 6), (4, 5)), 4, 9$	0	0		
$((1, 3), (2, 6), (4, 5)), 7, 0$	0	0	0	
$((1, 3), (2, 6), (4, 5)), 7, 1$	0		0	0
$((1, 3), (2, 6), (4, 5)), 7, 2$	0		0	0
$((1, 3), (2, 6), (4, 5)), 7, 3$	0		0	0
$((1, 3), (2, 6), (4, 5)), 7, 4$	0		0	0
$((1, 3), (2, 6), (4, 5)), 7, 5$	0			0
$((1, 3), (2, 6), (4, 5)), 5, 1$	0	0		0
$((1, 3), (2, 6), (4, 5)), 5, 0$	0	0	0	
$((1, 3), (2, 6), (4, 5)), 5, 3$	0	0		
$((1, 3), (2, 6), (4, 5)), 5, 5$	0	0	0	
$((1, 3), (2, 6), (4, 5)), 5, 6$		0	0	0
$((1, 3), (2, 6), (4, 5)), 5, 7$		0	0	0
$((1, 3), (2, 6), (4, 5)), 5, 8$		0	0	0
$((1, 3), (2, 6), (4, 5)), 5, 9$	0	0		0
$((1, 3), (2, 6), (4, 5)), 6, 0$	0	0	0	
$((1, 3), (2, 6), (4, 5)), 6, 1$	0	0	0	0
$((1, 3), (2, 6), (4, 5)), 6, 2$		0	0	0
$((1, 3), (2, 6), (4, 5)), 6, 3$	0	0	0	0
$((1, 3), (2, 6), (4, 5)), 6, 4$		0	0	0

$((1, 3), (2, 6), (4, 5)), 6, 5$	0	0	0	0
$((1, 3), (2, 6), (4, 5)), 6, 6$	0		0	0
$((1, 3), (2, 6), (4, 5)), 6, 7$	0		0	0
$((1, 3), (2, 6), (4, 5)), 6, 8$	0		0	0
$((1, 3), (2, 6), (4, 5)), 6, 9$	0			0
$((1, 3), (2, 6), (4, 5)), 3, 9$	0	0		0
$((1, 3), (2, 6), (4, 5)), 3, 8$	0		0	0
$((1, 3), (2, 6), (4, 5)), 3, 7$	0		0	
$((1, 3), (2, 6), (4, 5)), 3, 2$	0			
$((1, 3), (2, 6), (4, 5)), 2, 9$	0	0		0
$((1, 3), (2, 6), (4, 5)), 2, 8$	0	0	0	0
$((1, 3), (2, 6), (4, 5)), 2, 7$	0	0	0	0
$((1, 3), (2, 6), (4, 5)), 2, 4$	0			0
$((1, 3), (2, 6), (4, 5)), 2, 3$	0		0	0
$((1, 3), (2, 6), (4, 5)), 2, 2$	0	0	0	0
$((1, 3), (2, 6), (4, 5)), 2, 0$	0		0	
$((1, 3), (2, 6), (4, 5)), 2, 1$	0		0	0
$((1, 3), (2, 6), (4, 5)), 1, 9$	0	0		0
$((1, 3), (2, 6), (4, 5)), 1, 8$	0	0	0	0
$((1, 3), (2, 6), (4, 5)), 1, 7$	0	0	0	0
$((1, 3), (2, 6), (4, 5)), 1, 6$	0	0	0	
$((1, 3), (2, 6), (4, 5)), 1, 4$	0	0		0
$((1, 3), (2, 6), (4, 5)), 1, 2$	0	0	0	0
$((1, 3), (2, 6), (4, 5)), 1, 1$		0	0	0
$((1, 3), (2, 6), (4, 5)), 1, 0$	0	0	0	
$((1, 3), (2, 6), (4, 5)), 0, 9$		0		0
$((1, 3), (2, 6), (4, 5)), 0, 8$		0	0	0
$((1, 3), (2, 6), (4, 5)), 0, 7$		0	0	0
$((1, 3), (2, 6), (4, 5)), 0, 6$		0	0	0
$((1, 3), (2, 6), (4, 5)), 0, 5$			0	0
$((1, 3), (2, 6), (4, 5)), 0, 4$		0	0	0
$((1, 3), (2, 6), (4, 5)), 0, 3$		0	0	0
$((1, 3), (2, 6), (4, 5)), 0, 2$		0	0	
$((1, 3), (2, 6), (4, 5)), 0, 0$		0		
$((1, 3), (2, 6), (4, 5), (7, 1)), 9, 8$	0		0	
$((1, 3), (2, 6), (4, 5), (7, 1)), 9, 9$	0			0
$((1, 3), (2, 6), (4, 5), (7, 1)), 9, 6$	0			0
$((1, 3), (2, 6), (4, 5), (7, 1)), 9, 5$			0	0
$((1, 3), (2, 6), (4, 5), (7, 1)), 9, 4$			0	0
$((1, 3), (2, 6), (4, 5), (7, 1)), 9, 3$			0	0
$((1, 3), (2, 6), (4, 5), (7, 1)), 9, 2$			0	0
$((1, 3), (2, 6), (4, 5), (7, 1)), 9, 1$			0	0
$((1, 3), (2, 6), (4, 5), (7, 1)), 9, 0$	0		0	
$((1, 3), (2, 6), (4, 5), (7, 1)), 8, 8$		0	0	0
$((1, 3), (2, 6), (4, 5), (7, 1)), 8, 9$		0		0
$((1, 3), (2, 6), (4, 5), (7, 1)), 8, 7$			0	0
$((1, 3), (2, 6), (4, 5), (7, 1)), 8, 6$		0	0	
$((1, 3), (2, 6), (4, 5), (7, 1)), 8, 0$	0	0		
$((1, 3), (2, 6), (4, 5), (7, 1)), 7, 0$	0	0	0	
$((1, 3), (2, 6), (4, 5), (7, 1)), 7, 2$	0		0	0
$((1, 3), (2, 6), (4, 5), (7, 1)), 7, 3$	0		0	0
$((1, 3), (2, 6), (4, 5), (7, 1)), 7, 4$	0		0	0
$((1, 3), (2, 6), (4, 5), (7, 1)), 7, 5$	0			0
$((1, 3), (2, 6), (4, 5), (7, 1)), 4, 1$		0		0
$((1, 3), (2, 6), (4, 5), (7, 1)), 4, 0$		0	0	
$((1, 3), (2, 6), (4, 5), (7, 1)), 4, 3$		0		
$((1, 3), (2, 6), (4, 5), (7, 1)), 4, 9$	0	0		
$((1, 3), (2, 6), (4, 5), (7, 1)), 6, 0$	0	0	0	

((1, 3), (2, 6), (4, 5), (7, 1)),6,1	0	0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),6,2		0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),6,3	0	0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),6,4		0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),6,5	0	0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),6,6	0		0	0
((1, 3), (2, 6), (4, 5), (7, 1)),6,7	0		0	0
((1, 3), (2, 6), (4, 5), (7, 1)),6,8	0		0	0
((1, 3), (2, 6), (4, 5), (7, 1)),6,9	0			0
((1, 3), (2, 6), (4, 5), (7, 1)),5,1	0	0		0
((1, 3), (2, 6), (4, 5), (7, 1)),5,0	0	0	0	
((1, 3), (2, 6), (4, 5), (7, 1)),5,3	0	0		
((1, 3), (2, 6), (4, 5), (7, 1)),5,5	0	0	0	
((1, 3), (2, 6), (4, 5), (7, 1)),5,6		0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),5,7		0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),5,8		0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),5,9	0	0		0
((1, 3), (2, 6), (4, 5), (7, 1)),3,9	0	0		0
((1, 3), (2, 6), (4, 5), (7, 1)),3,8	0		0	0
((1, 3), (2, 6), (4, 5), (7, 1)),3,7	0		0	
((1, 3), (2, 6), (4, 5), (7, 1)),3,2	0			
((1, 3), (2, 6), (4, 5), (7, 1)),2,9	0	0		0
((1, 3), (2, 6), (4, 5), (7, 1)),2,8	0	0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),2,7	0	0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),2,4	0			0
((1, 3), (2, 6), (4, 5), (7, 1)),2,3	0		0	0
((1, 3), (2, 6), (4, 5), (7, 1)),2,2	0	0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),2,0	0		0	
((1, 3), (2, 6), (4, 5), (7, 1)),2,1	0		0	0
((1, 3), (2, 6), (4, 5), (7, 1)),1,9	0	0		0
((1, 3), (2, 6), (4, 5), (7, 1)),1,8	0	0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),1,7	0	0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),1,6	0	0	0	
((1, 3), (2, 6), (4, 5), (7, 1)),1,4	0	0		0
((1, 3), (2, 6), (4, 5), (7, 1)),1,2	0	0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),1,1		0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),1,0	0	0	0	
((1, 3), (2, 6), (4, 5), (7, 1)),0,9		0		0
((1, 3), (2, 6), (4, 5), (7, 1)),0,8		0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),0,7		0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),0,6		0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),0,5			0	0
((1, 3), (2, 6), (4, 5), (7, 1)),0,4		0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),0,3		0	0	0
((1, 3), (2, 6), (4, 5), (7, 1)),0,2		0	0	
((1, 3), (2, 6), (4, 5), (7, 1)),0,0		0		
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((4, 5)),9,9	2477626			2477626
((4, 5)),9,6	2477581			2477579
((4, 5)),9,5			2477580	2477578
((4, 5)),9,4			2477579	2477577
((4, 5)),9,3			2477578	2477576
((4, 5)),9,2			2477577	2477575
((4, 5)),9,1			2477576	2477574
((4, 5)),9,0	2477573		2477575	
((4, 5)),8,8		2477556	2477584	2477582
((4, 5)),8,9		2477634		2477583
((4, 5)),8,7			2477583	2477581

((4, 5),),8,6		2477580	2477582	
((4, 5),),8,0	2477572	2477574		
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((4, 5),),4,0		2477423	2477568	
((4, 5),),4,3		2477014		
((4, 5),),4,9	2477006	2477008		
((4, 5),),7,0	2477571	2477573	2477571	
((4, 5),),7,1	2477570		2477423	2477572
((4, 5),),7,2	2477422		2477422	2477571
((4, 5),),7,3	2477106		2477104	2477423
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((4, 5), (7, 1)),1,8	0	0	0	0
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((2, 6), (4, 5)),5,9	359	359		2658
((2, 6), (4, 5)),6,0	1121	1123	1121	
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((2, 6), (4, 5)),6,2		2656	2658	1121
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((2, 6), (4, 5)),6,6	2660		2658	2660
((2, 6), (4, 5)),6,7	2659		2657	2659
((2, 6), (4, 5)),6,8	2658		359	2658

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((1, 3), (2, 0), (7, 1)),9,6	0			0
((1, 3), (2, 0), (7, 1)),9,5			0	0
((1, 3), (2, 0), (7, 1)),9,4			0	0
((1, 3), (2, 0), (7, 1)),9,3			0	0
((1, 3), (2, 0), (7, 1)),9,2			0	0
((1, 3), (2, 0), (7, 1)),9,1			0	0
((1, 3), (2, 0), (7, 1)),9,0	0		0	
((1, 3), (2, 0), (7, 1)),8,8		0	0	0
((1, 3), (2, 0), (7, 1)),8,9		0		0
((1, 3), (2, 0), (7, 1)),8,7			0	0
((1, 3), (2, 0), (7, 1)),8,6		0	0	
((1, 3), (2, 0), (7, 1)),8,0	0	0		
((1, 3), (2, 0), (7, 1)),7,0	0	0	0	
((1, 3), (2, 0), (7, 1)),7,2	0		0	0
((1, 3), (2, 0), (7, 1)),7,3	0		0	0
((1, 3), (2, 0), (7, 1)),7,4	0		0	0
((1, 3), (2, 0), (7, 1)),7,5	0			0
((1, 3), (2, 0), (7, 1)),4,1		0		0
((1, 3), (2, 0), (7, 1)),4,0		0	0	
((1, 3), (2, 0), (7, 1)),4,5	0	0		
((1, 3), (2, 0), (7, 1)),4,3		0		
((1, 3), (2, 0), (7, 1)),4,9	0	0		
((1, 3), (2, 0), (7, 1)),6,0	0	0	0	
((1, 3), (2, 0), (7, 1)),6,1	0	0	0	0
((1, 3), (2, 0), (7, 1)),6,2		0	0	0
((1, 3), (2, 0), (7, 1)),6,3	0	0	0	0
((1, 3), (2, 0), (7, 1)),6,4		0	0	0
((1, 3), (2, 0), (7, 1)),6,5	0	0	0	0
((1, 3), (2, 0), (7, 1)),6,6	0		0	0
((1, 3), (2, 0), (7, 1)),6,7	0		0	0
((1, 3), (2, 0), (7, 1)),6,8	0		0	0
((1, 3), (2, 0), (7, 1)),6,9	0			0
((1, 3), (2, 0), (7, 1)),5,1	0	0		0
((1, 3), (2, 0), (7, 1)),5,0	0	0	0	
((1, 3), (2, 0), (7, 1)),5,3	0	0		
((1, 3), (2, 0), (7, 1)),5,5	0	0	0	
((1, 3), (2, 0), (7, 1)),5,6		0	0	0
((1, 3), (2, 0), (7, 1)),5,7		0	0	0
((1, 3), (2, 0), (7, 1)),5,8		0	0	0
((1, 3), (2, 0), (7, 1)),5,9	0	0		0
((1, 3), (2, 0), (7, 1)),3,5		0		
((1, 3), (2, 0), (7, 1)),3,9	0	0		0
((1, 3), (2, 0), (7, 1)),3,8	0		0	0
((1, 3), (2, 0), (7, 1)),3,7	0		0	
((1, 3), (2, 0), (7, 1)),3,2	0			
((1, 3), (2, 0), (7, 1)),2,9	0	0		0
((1, 3), (2, 0), (7, 1)),2,8	0	0	0	0
((1, 3), (2, 0), (7, 1)),2,7	0	0	0	0
((1, 3), (2, 0), (7, 1)),2,6	0		0	
((1, 3), (2, 0), (7, 1)),2,4	0			0
((1, 3), (2, 0), (7, 1)),2,3	0		0	0
((1, 3), (2, 0), (7, 1)),2,2	0	0	0	0
((1, 3), (2, 0), (7, 1)),2,1	0		0	0
((1, 3), (2, 0), (7, 1)),1,9	0	0		0
((1, 3), (2, 0), (7, 1)),1,8	0	0	0	0

$((1, 3), (2, 0), (7, 1)), 1, 7$	0	0	0	0
$((1, 3), (2, 0), (7, 1)), 1, 6$	0	0	0	
$((1, 3), (2, 0), (7, 1)), 1, 4$	0	0		0
$((1, 3), (2, 0), (7, 1)), 1, 2$	0	0	0	0
$((1, 3), (2, 0), (7, 1)), 1, 1$		0	0	0
$((1, 3), (2, 0), (7, 1)), 1, 0$	0	0	0	
$((1, 3), (2, 0), (7, 1)), 0, 9$		0		0
$((1, 3), (2, 0), (7, 1)), 0, 8$		0	0	0
$((1, 3), (2, 0), (7, 1)), 0, 7$		0	0	0
$((1, 3), (2, 0), (7, 1)), 0, 6$		0	0	0
$((1, 3), (2, 0), (7, 1)), 0, 5$			0	0
$((1, 3), (2, 0), (7, 1)), 0, 4$		0	0	0
$((1, 3), (2, 0), (7, 1)), 0, 3$		0	0	0
$((1, 3), (2, 0), (7, 1)), 0, 2$		0	0	
$((1, 3), (2, 0), (7, 1)), 0, 0$		0		
$((1, 3), (2, 0), (2, 6)), 9, 8$	20		36	
$((1, 3), (2, 0), (2, 6)), 9, 9$	28			35
$((1, 3), (2, 0), (2, 6)), 9, 6$	11			-2
$((1, 3), (2, 0), (2, 6)), 9, 5$			-1	-2
$((1, 3), (2, 0), (2, 6)), 9, 4$			-2	-2
$((1, 3), (2, 0), (2, 6)), 9, 3$			-1	-1
$((1, 3), (2, 0), (2, 6)), 9, 2$			-2	-1
$((1, 3), (2, 0), (2, 6)), 9, 1$			0	-1
$((1, 3), (2, 0), (2, 6)), 9, 0$	-1		0	
$((1, 3), (2, 0), (2, 6)), 8, 8$		21	35	33
$((1, 3), (2, 0), (2, 6)), 8, 9$		36		34
$((1, 3), (2, 0), (2, 6)), 8, 7$			34	11
$((1, 3), (2, 0), (2, 6)), 8, 6$		10	12	
$((1, 3), (2, 0), (2, 6)), 8, 0$	-1	0		
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$((1, 3), (2, 0), (2, 6)), 4, 0$		0	0	
$((1, 3), (2, 0), (2, 6)), 4, 5$	0	-1		
$((1, 3), (2, 0), (2, 6)), 4, 3$		0		
$((1, 3), (2, 0), (2, 6)), 4, 9$	-1	0		
$((1, 3), (2, 0), (2, 6)), 7, 0$	-1	0	0	
$((1, 3), (2, 0), (2, 6)), 7, 1$	0		-1	0
$((1, 3), (2, 0), (2, 6)), 7, 2$	0		-1	-1
$((1, 3), (2, 0), (2, 6)), 7, 3$	0		-1	-1
$((1, 3), (2, 0), (2, 6)), 7, 4$	-1		-1	0
$((1, 3), (2, 0), (2, 6)), 7, 5$	0			-1
$((1, 3), (2, 0), (2, 6)), 5, 1$	0	-1		0
$((1, 3), (2, 0), (2, 6)), 5, 0$	0	0	-1	
$((1, 3), (2, 0), (2, 6)), 5, 3$	0	0		
$((1, 3), (2, 0), (2, 6)), 5, 5$	-1	0	-2	
$((1, 3), (2, 0), (2, 6)), 5, 6$		-2	-2	-1
$((1, 3), (2, 0), (2, 6)), 5, 7$		-2	-1	-2
$((1, 3), (2, 0), (2, 6)), 5, 8$		-1	-1	-1
$((1, 3), (2, 0), (2, 6)), 5, 9$	-1	0		0
$((1, 3), (2, 0), (2, 6)), 6, 0$	-1	0	0	
$((1, 3), (2, 0), (2, 6)), 6, 1$	0	-1	0	0
$((1, 3), (2, 0), (2, 6)), 6, 2$		0	0	0
$((1, 3), (2, 0), (2, 6)), 6, 3$	0	0	0	0
$((1, 3), (2, 0), (2, 6)), 6, 4$		0	-1	0
$((1, 3), (2, 0), (2, 6)), 6, 5$	0	0	-1	-1
$((1, 3), (2, 0), (2, 6)), 6, 6$	-2		-2	-1
$((1, 3), (2, 0), (2, 6)), 6, 7$	-2		-1	-2
$((1, 3), (2, 0), (2, 6)), 6, 8$	-1		0	-2
$((1, 3), (2, 0), (2, 6)), 6, 9$	0			0

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((1, 3), (2, 0), (2, 6)),3,8	-2		-1	-1
((1, 3), (2, 0), (2, 6)),3,7	-1		0	
((1, 3), (2, 0), (2, 6)),3,2	0			
((1, 3), (2, 0), (2, 6)),2,9	0	-1		-1
((1, 3), (2, 0), (2, 6)),2,8	-1	-1	-1	-1
((1, 3), (2, 0), (2, 6)),2,7	0	0	-1	1
((1, 3), (2, 0), (2, 6)),2,4	0			0
((1, 3), (2, 0), (2, 6)),2,3	0		0	0
((1, 3), (2, 0), (2, 6)),2,2	0	0	0	0
((1, 3), (2, 0), (2, 6)),2,1	0		0	0
((1, 3), (2, 0), (2, 6)),1,9	0	-1		0
((1, 3), (2, 0), (2, 6)),1,8	0	0	-1	-1
((1, 3), (2, 0), (2, 6)),1,7	-1	0	0	0
((1, 3), (2, 0), (2, 6)),1,6	0	0	0	
((1, 3), (2, 0), (2, 6)),1,4	0	0		0
((1, 3), (2, 0), (2, 6)),1,2	0	0	0	0
((1, 3), (2, 0), (2, 6)),1,1		0	0	0
((1, 3), (2, 0), (2, 6)),1,0	0	0	0	
((1, 3), (2, 0), (2, 6)),0,9		0		0
((1, 3), (2, 0), (2, 6)),0,8		-1	0	0
((1, 3), (2, 0), (2, 6)),0,7		-1	-1	0
((1, 3), (2, 0), (2, 6)),0,6		0	0	0
((1, 3), (2, 0), (2, 6)),0,5			0	0
((1, 3), (2, 0), (2, 6)),0,4		0	0	0
((1, 3), (2, 0), (2, 6)),0,3		0	0	0
((1, 3), (2, 0), (2, 6)),0,2		0	0	
((1, 3), (2, 0), (2, 6)),0,0		0		
((1, 3), (2, 0), (2, 6), (7, 1)),9,8	0		0	
((1, 3), (2, 0), (2, 6), (7, 1)),9,9	0			0
((1, 3), (2, 0), (2, 6), (7, 1)),9,6	0			0
((1, 3), (2, 0), (2, 6), (7, 1)),9,5			0	0
((1, 3), (2, 0), (2, 6), (7, 1)),9,4			0	0
((1, 3), (2, 0), (2, 6), (7, 1)),9,3			0	0
((1, 3), (2, 0), (2, 6), (7, 1)),9,2			0	0
((1, 3), (2, 0), (2, 6), (7, 1)),9,1			0	0
((1, 3), (2, 0), (2, 6), (7, 1)),9,0	0		0	
((1, 3), (2, 0), (2, 6), (7, 1)),8,8		0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),8,9		0		0
((1, 3), (2, 0), (2, 6), (7, 1)),8,7			0	0
((1, 3), (2, 0), (2, 6), (7, 1)),8,6		0	0	
((1, 3), (2, 0), (2, 6), (7, 1)),8,0	0	0		
((1, 3), (2, 0), (2, 6), (7, 1)),7,0	0	0	0	
((1, 3), (2, 0), (2, 6), (7, 1)),7,2	0		0	0
((1, 3), (2, 0), (2, 6), (7, 1)),7,3	0		0	0
((1, 3), (2, 0), (2, 6), (7, 1)),7,4	0		0	0
((1, 3), (2, 0), (2, 6), (7, 1)),7,5	0			0
((1, 3), (2, 0), (2, 6), (7, 1)),4,1		0		0
((1, 3), (2, 0), (2, 6), (7, 1)),4,0		0	0	
((1, 3), (2, 0), (2, 6), (7, 1)),4,5	0	0		
((1, 3), (2, 0), (2, 6), (7, 1)),4,3		0		
((1, 3), (2, 0), (2, 6), (7, 1)),4,9	0	0		
((1, 3), (2, 0), (2, 6), (7, 1)),6,0	0	0	0	
((1, 3), (2, 0), (2, 6), (7, 1)),6,1	0	0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),6,2		0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),6,3	0	0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),6,4		0	0	0

((1, 3), (2, 0), (2, 6), (7, 1)),6,5	0	0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),6,6	0		0	0
((1, 3), (2, 0), (2, 6), (7, 1)),6,7	0		0	0
((1, 3), (2, 0), (2, 6), (7, 1)),6,8	0		0	0
((1, 3), (2, 0), (2, 6), (7, 1)),6,9	0			0
((1, 3), (2, 0), (2, 6), (7, 1)),5,1	0	0		0
((1, 3), (2, 0), (2, 6), (7, 1)),5,0	0	0	0	
((1, 3), (2, 0), (2, 6), (7, 1)),5,3	0	0		
((1, 3), (2, 0), (2, 6), (7, 1)),5,5	0	0	0	
((1, 3), (2, 0), (2, 6), (7, 1)),5,6		0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),5,7		0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),5,8		0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),5,9	0	0		0
((1, 3), (2, 0), (2, 6), (7, 1)),3,5		0		
((1, 3), (2, 0), (2, 6), (7, 1)),3,9	0	0		0
((1, 3), (2, 0), (2, 6), (7, 1)),3,8	0		0	0
((1, 3), (2, 0), (2, 6), (7, 1)),3,7	0		0	
((1, 3), (2, 0), (2, 6), (7, 1)),3,2	0			
((1, 3), (2, 0), (2, 6), (7, 1)),2,9	0	0		0
((1, 3), (2, 0), (2, 6), (7, 1)),2,8	0	0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),2,7	0	0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),2,4	0			0
((1, 3), (2, 0), (2, 6), (7, 1)),2,3	0		0	0
((1, 3), (2, 0), (2, 6), (7, 1)),2,2	0	0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),2,1	0		0	0
((1, 3), (2, 0), (2, 6), (7, 1)),1,9	0	0		0
((1, 3), (2, 0), (2, 6), (7, 1)),1,8	0	0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),1,7	0	0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),1,6	0	0	0	
((1, 3), (2, 0), (2, 6), (7, 1)),1,4	0	0		0
((1, 3), (2, 0), (2, 6), (7, 1)),1,2	0	0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),1,1		0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),1,0	0	0	0	
((1, 3), (2, 0), (2, 6), (7, 1)),0,9		0		0
((1, 3), (2, 0), (2, 6), (7, 1)),0,8		0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),0,7		0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),0,6		0	0	0
((1, 3), (2, 0), (2, 6), (7, 1)),0,5			0	0
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((1, 3), (2, 0), (2, 6), (7, 1)),0,3		0	0	0
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((2, 0),),9,8	5611		5634	
((2, 0),),9,9	5633			5626
((2, 0),),9,6	5567			5565
((2, 0),),9,5			5566	5564
((2, 0),),9,4			5565	5563
((2, 0),),9,3			5564	5562
((2, 0),),9,2			5563	5561
((2, 0),),9,1			5562	5560
((2, 0),),9,0	5559		5561	
((2, 0),),8,8		5612	5626	5610
((2, 0),),8,9		5634		5625
((2, 0),),8,7			5611	5567
((2, 0),),8,6		5566	5568	
((2, 0),),8,0	5558	5560		
((2, 0),),4,1		5555		5553
((2, 0),),4,0		5554	5552	

((2, 0),),4,5	5535	5537		
((2, 0),),4,3		5539		
((2, 0),),4,9	5531	5533		
((2, 0),),7,0	5557	5559	5557	
((2, 0),),7,1	5556		5542	5558
((2, 0),),7,2	5541		5541	5557
((2, 0),),7,3	5554		5552	5542
((2, 0),),7,4	5539		5399	5553
((2, 0),),7,5	5538			5400
((2, 0),),5,1	5554	5556		5554
((2, 0),),5,0	5553	5543	5555	
((2, 0),),5,3	5398	5540		
((2, 0),),5,5	5536	5538	5536	
((2, 0),),5,6		5537	5535	5537
((2, 0),),5,7		5536	5534	5536
((2, 0),),5,8		5535	5533	5535
((2, 0),),5,9	5532	5534		5534
((2, 0),),6,0	5554	5558	5542	
((2, 0),),6,1	5555	5557	5555	5543
((2, 0),),6,2		5556	5554	5542
((2, 0),),6,3	5539	5553	5539	5555
((2, 0),),6,4		5540	5538	5540
((2, 0),),6,5	5537	5537	5537	5539
((2, 0),),6,6	5536		5536	5538
((2, 0),),6,7	5535		5535	5537
((2, 0),),6,8	5534		5534	5536
((2, 0),),6,9	5533			5535
((2, 0),),3,5		5536		
((2, 0),),3,9	5530	5532		5530
((2, 0),),3,8	5529		5531	5529
((2, 0),),3,7	5528		5530	
((2, 0),),3,2	5519			
((2, 0),),2,9	5529	5531		5529
((2, 0),),2,8	5528	5530	5530	5528
((2, 0),),2,7	5527	5529	5529	5527
((2, 0),),2,6	5526		5528	
((2, 0),),2,4	5522			5380
((2, 0),),2,3	5521		5374	5372
((2, 0),),2,2	5520	5518	5373	5518
((2, 0),),2,1	5519		5519	-39
((2, 0),),1,9	5528	5530		5528
((2, 0),),1,8	5527	5529	5529	5527
((2, 0),),1,7	5386	5528	5528	5526
((2, 0),),1,6	5525	5527	5527	
((2, 0),),1,4	5523	5521		5521
((2, 0),),1,3	5522	5380	5522	5380
((2, 0),),1,2	5374	5519	5521	5372
((2, 0),),1,1		5371	5520	5371
((2, 0),),1,0	412	-39	5372	
((2, 0),),0,9		5529		5527
((2, 0),),0,8		5528	5528	5526
((2, 0),),0,7		5527	5527	5525
((2, 0),),0,6		5526	5526	5524
((2, 0),),0,5			5525	5523
((2, 0),),0,4		5522	5524	5522
((2, 0),),0,3		5521	5523	5519
((2, 0),),0,2		5520	5375	
((2, 0),),0,0		5369		

$((2, 0), (7, 1)), 9, 8$	0		0	
$((2, 0), (7, 1)), 9, 9$	0			0
$((2, 0), (7, 1)), 9, 6$	0			0
$((2, 0), (7, 1)), 9, 5$			0	0
$((2, 0), (7, 1)), 9, 4$			0	0
$((2, 0), (7, 1)), 9, 3$			0	0
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$((2, 0), (7, 1)), 9, 1$			0	0
$((2, 0), (7, 1)), 9, 0$	0		0	
$((2, 0), (7, 1)), 8, 8$		0	0	0
$((2, 0), (7, 1)), 8, 9$		0		0
$((2, 0), (7, 1)), 8, 7$			0	0
$((2, 0), (7, 1)), 8, 6$		0	0	
$((2, 0), (7, 1)), 8, 0$	0	0		
$((2, 0), (7, 1)), 7, 0$	0	0	0	
$((2, 0), (7, 1)), 7, 2$	0		0	0
$((2, 0), (7, 1)), 7, 3$	0		0	0
$((2, 0), (7, 1)), 7, 4$	0		0	0
$((2, 0), (7, 1)), 7, 5$	0			0
$((2, 0), (7, 1)), 4, 1$		0		0
$((2, 0), (7, 1)), 4, 0$		0	0	
$((2, 0), (7, 1)), 4, 5$	0	0		
$((2, 0), (7, 1)), 4, 3$		0		
$((2, 0), (7, 1)), 4, 9$	0	0		
$((2, 0), (7, 1)), 6, 0$	0	0	0	
$((2, 0), (7, 1)), 6, 1$	0	0	0	0
$((2, 0), (7, 1)), 6, 2$		0	0	0
$((2, 0), (7, 1)), 6, 3$	0	0	0	0
$((2, 0), (7, 1)), 6, 4$		0	0	0
$((2, 0), (7, 1)), 6, 5$	0	0	0	0
$((2, 0), (7, 1)), 6, 6$	0		0	0
$((2, 0), (7, 1)), 6, 7$	0		0	0
$((2, 0), (7, 1)), 6, 8$	0		0	0
$((2, 0), (7, 1)), 6, 9$	0			0
$((2, 0), (7, 1)), 5, 1$	0	0		0
$((2, 0), (7, 1)), 5, 0$	0	0	0	
$((2, 0), (7, 1)), 5, 3$	0	0		
$((2, 0), (7, 1)), 5, 5$	0	0	0	
$((2, 0), (7, 1)), 5, 6$		0	0	0
$((2, 0), (7, 1)), 5, 7$		0	0	0
$((2, 0), (7, 1)), 5, 8$		0	0	0
$((2, 0), (7, 1)), 5, 9$	0	0		0
$((2, 0), (7, 1)), 3, 5$		0		
$((2, 0), (7, 1)), 3, 9$	0	0		0
$((2, 0), (7, 1)), 3, 8$	0		0	0
$((2, 0), (7, 1)), 3, 7$	0		0	
$((2, 0), (7, 1)), 3, 2$	0			
$((2, 0), (7, 1)), 2, 9$	0	0		0
$((2, 0), (7, 1)), 2, 8$	0	0	0	0
$((2, 0), (7, 1)), 2, 7$	0	0	0	0
$((2, 0), (7, 1)), 2, 6$	0		0	
$((2, 0), (7, 1)), 2, 4$	0			0
$((2, 0), (7, 1)), 2, 3$	0		0	0
$((2, 0), (7, 1)), 2, 2$	0	0	0	0
$((2, 0), (7, 1)), 2, 1$	0		0	0
$((2, 0), (7, 1)), 1, 9$	0	0		0
$((2, 0), (7, 1)), 1, 8$	0	0	0	0
$((2, 0), (7, 1)), 1, 7$	0	0	0	0

$((2, 0), (7, 1)), 1, 6$	0	0	0	
$((2, 0), (7, 1)), 1, 4$	0	0		0
$((2, 0), (7, 1)), 1, 3$	0	0	0	0
$((2, 0), (7, 1)), 1, 2$	0	0	0	0
$((2, 0), (7, 1)), 1, 1$		0	0	0
$((2, 0), (7, 1)), 1, 0$	0	0	0	
$((2, 0), (7, 1)), 0, 9$		0		0
$((2, 0), (7, 1)), 0, 8$		0	0	0
$((2, 0), (7, 1)), 0, 7$		0	0	0
$((2, 0), (7, 1)), 0, 6$		0	0	0
$((2, 0), (7, 1)), 0, 5$			0	0
$((2, 0), (7, 1)), 0, 4$		0	0	0
$((2, 0), (7, 1)), 0, 3$		0	0	0
$((2, 0), (7, 1)), 0, 2$		0	0	
$((2, 0), (7, 1)), 0, 0$		0		
$((2, 0), (2, 6)), 9, 8$	270		272	
$((2, 0), (2, 6)), 9, 9$	278			271
$((2, 0), (2, 6)), 9, 6$	282			280
$((2, 0), (2, 6)), 9, 5$			281	279
$((2, 0), (2, 6)), 9, 4$			280	278
$((2, 0), (2, 6)), 9, 3$			279	277
$((2, 0), (2, 6)), 9, 2$			278	276
$((2, 0), (2, 6)), 9, 1$			277	275
$((2, 0), (2, 6)), 9, 0$	274		276	
$((2, 0), (2, 6)), 8, 8$		264	285	283
$((2, 0), (2, 6)), 8, 9$		286		284
$((2, 0), (2, 6)), 8, 7$			284	282
$((2, 0), (2, 6)), 8, 6$		281	283	
$((2, 0), (2, 6)), 8, 0$	273	275		
$((2, 0), (2, 6)), 4, 1$		270		270
$((2, 0), (2, 6)), 4, 0$		271	269	
$((2, 0), (2, 6)), 4, 5$	133	135		
$((2, 0), (2, 6)), 4, 3$		-6		
$((2, 0), (2, 6)), 4, 9$	129	131		
$((2, 0), (2, 6)), 7, 0$	272	274	272	
$((2, 0), (2, 6)), 7, 1$	271		271	273
$((2, 0), (2, 6)), 7, 2$	270		270	272
$((2, 0), (2, 6)), 7, 3$	138		269	271
$((2, 0), (2, 6)), 7, 4$	137		268	270
$((2, 0), (2, 6)), 7, 5$	136			269
$((2, 0), (2, 6)), 5, 1$	269	271		271
$((2, 0), (2, 6)), 5, 0$	270	272	270	
$((2, 0), (2, 6)), 5, 3$	-7	138		
$((2, 0), (2, 6)), 5, 5$	134	136	134	
$((2, 0), (2, 6)), 5, 6$		135	133	135
$((2, 0), (2, 6)), 5, 7$		134	132	134
$((2, 0), (2, 6)), 5, 8$		133	131	133
$((2, 0), (2, 6)), 5, 9$	130	132		132
$((2, 0), (2, 6)), 6, 0$	271	273	271	
$((2, 0), (2, 6)), 6, 1$	270	272	270	272
$((2, 0), (2, 6)), 6, 2$		271	269	271
$((2, 0), (2, 6)), 6, 3$	137	270	137	270
$((2, 0), (2, 6)), 6, 4$		138	136	138
$((2, 0), (2, 6)), 6, 5$	135	137	135	137
$((2, 0), (2, 6)), 6, 6$	134		134	136
$((2, 0), (2, 6)), 6, 7$	133		133	135
$((2, 0), (2, 6)), 6, 8$	132		132	134
$((2, 0), (2, 6)), 6, 9$	131			133

((2, 0), (2, 6)),3,5		134		
((2, 0), (2, 6)),3,9	128	130		128
((2, 0), (2, 6)),3,8	127		129	-2
((2, 0), (2, 6)),3,7	-1		128	
((2, 0), (2, 6)),3,2	0			
((2, 0), (2, 6)),2,9	127	129		127
((2, 0), (2, 6)),2,8	-1	128	128	-1
((2, 0), (2, 6)),2,7	-1	-1	-2	1
((2, 0), (2, 6)),2,4	0			0
((2, 0), (2, 6)),2,3	0		0	0
((2, 0), (2, 6)),2,2	0	0	0	0
((2, 0), (2, 6)),2,1	0		0	0
((2, 0), (2, 6)),1,9	-2	128		126
((2, 0), (2, 6)),1,8	-1	127	-2	-1
((2, 0), (2, 6)),1,7	-1	0	126	0
((2, 0), (2, 6)),1,6	0	0	0	
((2, 0), (2, 6)),1,4	-2	0		0
((2, 0), (2, 6)),1,3	0	0	0	0
((2, 0), (2, 6)),1,2	0	0	0	-1
((2, 0), (2, 6)),1,1		0	0	-1
((2, 0), (2, 6)),1,0	0	1	-1	
((2, 0), (2, 6)),0,9		-2		125
((2, 0), (2, 6)),0,8		126	-1	-2
((2, 0), (2, 6)),0,7		-1	-2	-1
((2, 0), (2, 6)),0,6		0	0	-1
((2, 0), (2, 6)),0,5			0	-1
((2, 0), (2, 6)),0,4		-1	-1	-1
((2, 0), (2, 6)),0,3		0	-1	-1
((2, 0), (2, 6)),0,2		-1	0	
((2, 0), (2, 6)),0,0		0		
((2, 0), (2, 6), (7, 1)),9,8	0		0	
((2, 0), (2, 6), (7, 1)),9,9	0			0
((2, 0), (2, 6), (7, 1)),9,6	0			0
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((2, 0), (2, 6), (7, 1)),9,4			0	0
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((2, 0), (2, 6), (7, 1)),9,0	0		0	
((2, 0), (2, 6), (7, 1)),8,8		0	0	0
((2, 0), (2, 6), (7, 1)),8,9		0		0
((2, 0), (2, 6), (7, 1)),8,7			0	0
((2, 0), (2, 6), (7, 1)),8,6		0	0	
((2, 0), (2, 6), (7, 1)),8,0	0	0		
((2, 0), (2, 6), (7, 1)),7,0	0	0	0	
((2, 0), (2, 6), (7, 1)),7,2	0		0	0
((2, 0), (2, 6), (7, 1)),7,3	0		0	0
((2, 0), (2, 6), (7, 1)),7,4	0		0	0
((2, 0), (2, 6), (7, 1)),7,5	0			0
((2, 0), (2, 6), (7, 1)),4,1		0		0
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((2, 0), (2, 6), (7, 1)),4,5	0	0		
((2, 0), (2, 6), (7, 1)),4,3		0		
((2, 0), (2, 6), (7, 1)),4,9	0	0		
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((2, 0), (2, 6), (7, 1)),6,1	0	0	0	0
((2, 0), (2, 6), (7, 1)),6,2		0	0	0
((2, 0), (2, 6), (7, 1)),6,3	0	0	0	0

((2, 0), (2, 6), (7, 1)),6,4		0	0	0
((2, 0), (2, 6), (7, 1)),6,5	0	0	0	0
((2, 0), (2, 6), (7, 1)),6,6	0		0	0
((2, 0), (2, 6), (7, 1)),6,7	0		0	0
((2, 0), (2, 6), (7, 1)),6,8	0		0	0
((2, 0), (2, 6), (7, 1)),6,9	0			0
((2, 0), (2, 6), (7, 1)),5,1	0	0		0
((2, 0), (2, 6), (7, 1)),5,0	0	0	0	
((2, 0), (2, 6), (7, 1)),5,3	0	0		
((2, 0), (2, 6), (7, 1)),5,5	0	0	0	
((2, 0), (2, 6), (7, 1)),5,6		0	0	0
((2, 0), (2, 6), (7, 1)),5,7		0	0	0
((2, 0), (2, 6), (7, 1)),5,8		0	0	0
((2, 0), (2, 6), (7, 1)),5,9	0	0		0
((2, 0), (2, 6), (7, 1)),3,5		0		
((2, 0), (2, 6), (7, 1)),3,9	0	0		0
((2, 0), (2, 6), (7, 1)),3,8	0		0	0
((2, 0), (2, 6), (7, 1)),3,7	0		0	
((2, 0), (2, 6), (7, 1)),3,2	0			
((2, 0), (2, 6), (7, 1)),2,9	0	0		0
((2, 0), (2, 6), (7, 1)),2,8	0	0	0	0
((2, 0), (2, 6), (7, 1)),2,7	0	0	0	0
((2, 0), (2, 6), (7, 1)),2,4	0			0
((2, 0), (2, 6), (7, 1)),2,3	0		0	0
((2, 0), (2, 6), (7, 1)),2,2	0	0	0	0
((2, 0), (2, 6), (7, 1)),2,1	0		0	0
((2, 0), (2, 6), (7, 1)),1,9	0	0		0
((2, 0), (2, 6), (7, 1)),1,8	0	0	0	0
((2, 0), (2, 6), (7, 1)),1,7	0	0	0	0
((2, 0), (2, 6), (7, 1)),1,6	0	0	0	
((2, 0), (2, 6), (7, 1)),1,4	0	0		0
((2, 0), (2, 6), (7, 1)),1,3	0	0	0	0
((2, 0), (2, 6), (7, 1)),1,2	0	0	0	0
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((2, 0), (2, 6), (7, 1)),0,2		0	0	
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((1, 3)),9,8	1203		1198	
((1, 3)),9,9	1204			1197
((1, 3)),9,6	1180			1178
((1, 3)),9,5			1179	1177
((1, 3)),9,4			1178	1176
((1, 3)),9,3			1177	1119
((1, 3)),9,2			1120	922
((1, 3)),9,1			923	921
((1, 3)),9,0	920		922	
((1, 3)),8,8		1190	1204	1181
((1, 3)),8,9		1212		1203
((1, 3)),8,7			1182	1180
((1, 3)),8,6		1179	1181	
((1, 3)),8,0	919	921		

$((1, 3),), 4, 1$		916		916
$((1, 3),), 4, 0$		917	915	
$((1, 3),), 4, 5$	665	912		
$((1, 3),), 4, 3$		914		
$((1, 3),), 4, 9$	906	908		
$((1, 3),), 7, 0$	918	920	918	
$((1, 3),), 7, 1$	917		917	919
$((1, 3),), 7, 2$	916		916	918
$((1, 3),), 7, 3$	915		915	917
$((1, 3),), 7, 4$	914		914	916
$((1, 3),), 7, 5$	913			915
$((1, 3),), 5, 1$	915	917		917
$((1, 3),), 5, 0$	916	918	916	
$((1, 3),), 5, 3$	913	915		
$((1, 3),), 5, 5$	911	913	911	
$((1, 3),), 5, 6$		912	910	912
$((1, 3),), 5, 7$		909	909	911
$((1, 3),), 5, 8$		908	908	910
$((1, 3),), 5, 9$	907	907		909
$((1, 3),), 6, 0$	917	919	917	
$((1, 3),), 6, 1$	916	918	916	918
$((1, 3),), 6, 2$		917	915	917
$((1, 3),), 6, 3$	914	916	914	916
$((1, 3),), 6, 4$		915	913	915
$((1, 3),), 6, 5$	912	914	912	914
$((1, 3),), 6, 6$	911		909	913
$((1, 3),), 6, 7$	910		908	667
$((1, 3),), 6, 8$	909		907	909
$((1, 3),), 6, 9$	908			908
$((1, 3),), 3, 5$		911		
$((1, 3),), 3, 9$	660	907		905
$((1, 3),), 3, 8$	904		906	904
$((1, 3),), 3, 7$	658		905	
$((1, 3),), 3, 2$	0			
$((1, 3),), 2, 9$	659	906		904
$((1, 3),), 2, 8$	903	905	905	903
$((1, 3),), 2, 7$	657	904	904	902
$((1, 3),), 2, 6$	901		903	
$((1, 3),), 2, 4$	-1			-1
$((1, 3),), 2, 3$	0		-1	-1
$((1, 3),), 2, 2$	0	0	-1	0
$((1, 3),), 2, 0$	0		0	
$((1, 3),), 2, 1$	0		0	0
$((1, 3),), 1, 9$	903	905		658
$((1, 3),), 1, 8$	657	904	904	902
$((1, 3),), 1, 7$	656	903	899	901
$((1, 3),), 1, 6$	900	902	902	
$((1, 3),), 1, 4$	562	-1		-35
$((1, 3),), 1, 2$	0	0	-35	0
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$((1, 3),), 0, 9$		904		657
$((1, 3),), 0, 8$		658	658	656
$((1, 3),), 0, 7$		902	657	655
$((1, 3),), 0, 6$		901	901	654
$((1, 3),), 0, 5$			655	562
$((1, 3),), 0, 4$		561	563	561
$((1, 3),), 0, 3$		-35	562	-1

$((1, 3),),0,2$		-1	561	
$((1, 3),),0,0$		0		
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$((1, 3), (7, 1)),9,9$	0			0
$((1, 3), (7, 1)),9,6$	0			0
$((1, 3), (7, 1)),9,5$			0	0
$((1, 3), (7, 1)),9,4$			0	0
$((1, 3), (7, 1)),9,3$			0	0
$((1, 3), (7, 1)),9,2$			0	0
$((1, 3), (7, 1)),9,1$			0	0
$((1, 3), (7, 1)),9,0$	0		0	
$((1, 3), (7, 1)),8,8$		0	0	0
$((1, 3), (7, 1)),8,9$		0		0
$((1, 3), (7, 1)),8,7$			0	0
$((1, 3), (7, 1)),8,6$		0	0	
$((1, 3), (7, 1)),8,0$	0	0		
$((1, 3), (7, 1)),7,0$	0	0	0	
$((1, 3), (7, 1)),7,2$	0		0	0
$((1, 3), (7, 1)),7,3$	0		0	0
$((1, 3), (7, 1)),7,4$	0		0	0
$((1, 3), (7, 1)),7,5$	0			0
$((1, 3), (7, 1)),4,1$		0		0
$((1, 3), (7, 1)),4,0$		0	0	
$((1, 3), (7, 1)),4,5$	0	0		
$((1, 3), (7, 1)),4,3$		0		
$((1, 3), (7, 1)),4,9$	0	0		
$((1, 3), (7, 1)),6,0$	0	0	0	
$((1, 3), (7, 1)),6,1$	0	0	0	0
$((1, 3), (7, 1)),6,2$		0	0	0
$((1, 3), (7, 1)),6,3$	0	0	0	0
$((1, 3), (7, 1)),6,4$		0	0	0
$((1, 3), (7, 1)),6,5$	0	0	0	0
$((1, 3), (7, 1)),6,6$	0		0	0
$((1, 3), (7, 1)),6,7$	0		0	0
$((1, 3), (7, 1)),6,8$	0		0	0
$((1, 3), (7, 1)),6,9$	0			0
$((1, 3), (7, 1)),5,1$	0	0		0
$((1, 3), (7, 1)),5,0$	0	0	0	
$((1, 3), (7, 1)),5,3$	0	0		
$((1, 3), (7, 1)),5,5$	0	0	0	
$((1, 3), (7, 1)),5,6$		0	0	0
$((1, 3), (7, 1)),5,7$		0	0	0
$((1, 3), (7, 1)),5,8$		0	0	0
$((1, 3), (7, 1)),5,9$	0	0		0
$((1, 3), (7, 1)),3,5$		0		
$((1, 3), (7, 1)),3,9$	0	0		0
$((1, 3), (7, 1)),3,8$	0		0	0
$((1, 3), (7, 1)),3,7$	0		0	
$((1, 3), (7, 1)),3,2$	0			
$((1, 3), (7, 1)),2,9$	0	0		0
$((1, 3), (7, 1)),2,8$	0	0	0	0
$((1, 3), (7, 1)),2,7$	0	0	0	0
$((1, 3), (7, 1)),2,6$	0		0	
$((1, 3), (7, 1)),2,4$	0			0
$((1, 3), (7, 1)),2,3$	0		0	0
$((1, 3), (7, 1)),2,2$	0	0	0	0
$((1, 3), (7, 1)),2,0$	0		0	
$((1, 3), (7, 1)),2,1$	0		0	0

$((1, 3), (7, 1)), 1, 9$	0	0		0
$((1, 3), (7, 1)), 1, 8$	0	0	0	0
$((1, 3), (7, 1)), 1, 7$	0	0	0	0
$((1, 3), (7, 1)), 1, 6$	0	0	0	
$((1, 3), (7, 1)), 1, 4$	0	0		0
$((1, 3), (7, 1)), 1, 2$	0	0	0	0
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$((1, 3), (7, 1)), 1, 0$	0	0	0	
$((1, 3), (7, 1)), 0, 9$		0		0
$((1, 3), (7, 1)), 0, 8$		0	0	0
$((1, 3), (7, 1)), 0, 7$		0	0	0
$((1, 3), (7, 1)), 0, 6$		0	0	0
$((1, 3), (7, 1)), 0, 5$			0	0
$((1, 3), (7, 1)), 0, 4$		0	0	0
$((1, 3), (7, 1)), 0, 3$		0	0	0
$((1, 3), (7, 1)), 0, 2$		0	0	
$((1, 3), (7, 1)), 0, 0$		0		
$((1, 3), (2, 6)), 9, 8$	118		134	
$((1, 3), (2, 6)), 9, 9$	105			133
$((1, 3), (2, 6)), 9, 6$	116			100
$((1, 3), (2, 6)), 9, 5$			101	71
$((1, 3), (2, 6)), 9, 4$			72	70
$((1, 3), (2, 6)), 9, 3$			71	69
$((1, 3), (2, 6)), 9, 2$			70	-1
$((1, 3), (2, 6)), 9, 1$			-1	-3
$((1, 3), (2, 6)), 9, 0$	-2		-2	
$((1, 3), (2, 6)), 8, 8$		119	140	117
$((1, 3), (2, 6)), 8, 9$		141		139
$((1, 3), (2, 6)), 8, 7$			118	116
$((1, 3), (2, 6)), 8, 6$		115	117	
$((1, 3), (2, 6)), 8, 0$	-1	-3		
$((1, 3), (2, 6)), 4, 1$		-1		0
$((1, 3), (2, 6)), 4, 0$		0	0	
$((1, 3), (2, 6)), 4, 5$	0	0		
$((1, 3), (2, 6)), 4, 3$		0		
$((1, 3), (2, 6)), 4, 9$	-1	0		
$((1, 3), (2, 6)), 7, 0$	-1	-2	-1	
$((1, 3), (2, 6)), 7, 1$	-1		-1	-1
$((1, 3), (2, 6)), 7, 2$	0		-1	0
$((1, 3), (2, 6)), 7, 3$	0		-1	0
$((1, 3), (2, 6)), 7, 4$	-1		0	0
$((1, 3), (2, 6)), 7, 5$	0			0
$((1, 3), (2, 6)), 5, 1$	-1	-1		0
$((1, 3), (2, 6)), 5, 0$	0	0	0	
$((1, 3), (2, 6)), 5, 3$	0	0		
$((1, 3), (2, 6)), 5, 5$	0	0	0	
$((1, 3), (2, 6)), 5, 6$		0	-1	0
$((1, 3), (2, 6)), 5, 7$		-1	0	0
$((1, 3), (2, 6)), 5, 8$		0	0	0
$((1, 3), (2, 6)), 5, 9$	-1	-1		0
$((1, 3), (2, 6)), 6, 0$	0	-2	-1	
$((1, 3), (2, 6)), 6, 1$	-1	-1	-1	-1
$((1, 3), (2, 6)), 6, 2$		0	0	-1
$((1, 3), (2, 6)), 6, 3$	0	0	0	0
$((1, 3), (2, 6)), 6, 4$		0	-1	0
$((1, 3), (2, 6)), 6, 5$	0	0	-1	0
$((1, 3), (2, 6)), 6, 6$	-1		0	-1
$((1, 3), (2, 6)), 6, 7$	0		-1	0

$((1, 3), (2, 6)), 6, 8$	0		-2	0
$((1, 3), (2, 6)), 6, 9$	-1			-1
$((1, 3), (2, 6)), 3, 5$		0		
$((1, 3), (2, 6)), 3, 9$	-1	0		0
$((1, 3), (2, 6)), 3, 8$	0		0	0
$((1, 3), (2, 6)), 3, 7$	0		0	
$((1, 3), (2, 6)), 3, 2$	0			
$((1, 3), (2, 6)), 2, 9$	-1	0		0
$((1, 3), (2, 6)), 2, 8$	0	0	0	0
$((1, 3), (2, 6)), 2, 7$	0	0	0	0
$((1, 3), (2, 6)), 2, 4$	0			0
$((1, 3), (2, 6)), 2, 3$	0		0	0
$((1, 3), (2, 6)), 2, 2$	0	0	0	0
$((1, 3), (2, 6)), 2, 0$	0		0	
$((1, 3), (2, 6)), 2, 1$	0		0	0
$((1, 3), (2, 6)), 1, 9$	0	0		-1
$((1, 3), (2, 6)), 1, 8$	-1	0	0	-1
$((1, 3), (2, 6)), 1, 7$	0	0	-1	0
$((1, 3), (2, 6)), 1, 6$	0	309	0	
$((1, 3), (2, 6)), 1, 4$	0	0		0
$((1, 3), (2, 6)), 1, 2$	0	0	0	0
$((1, 3), (2, 6)), 1, 1$		0	0	0
$((1, 3), (2, 6)), 1, 0$	0	0	0	
$((1, 3), (2, 6)), 0, 9$		0		0
$((1, 3), (2, 6)), 0, 8$		-1	0	-1
$((1, 3), (2, 6)), 0, 7$		-1	0	-1
$((1, 3), (2, 6)), 0, 6$		-1	0	0
$((1, 3), (2, 6)), 0, 5$			0	0
$((1, 3), (2, 6)), 0, 4$		0	0	0
$((1, 3), (2, 6)), 0, 3$		0	0	0
$((1, 3), (2, 6)), 0, 2$		0	0	
$((1, 3), (2, 6)), 0, 0$		0		
$((1, 3), (2, 6), (7, 1)), 9, 8$	0		0	
$((1, 3), (2, 6), (7, 1)), 9, 9$	0			0
$((1, 3), (2, 6), (7, 1)), 9, 6$	0			0
$((1, 3), (2, 6), (7, 1)), 9, 5$			0	0
$((1, 3), (2, 6), (7, 1)), 9, 4$			0	0
$((1, 3), (2, 6), (7, 1)), 9, 3$			0	0
$((1, 3), (2, 6), (7, 1)), 9, 2$			0	0
$((1, 3), (2, 6), (7, 1)), 9, 1$			0	0
$((1, 3), (2, 6), (7, 1)), 9, 0$	0		0	
$((1, 3), (2, 6), (7, 1)), 8, 8$		0	0	0
$((1, 3), (2, 6), (7, 1)), 8, 9$		0		0
$((1, 3), (2, 6), (7, 1)), 8, 7$			0	0
$((1, 3), (2, 6), (7, 1)), 8, 6$		0	0	
$((1, 3), (2, 6), (7, 1)), 8, 0$	0	0		
$((1, 3), (2, 6), (7, 1)), 7, 0$	0	0	0	
$((1, 3), (2, 6), (7, 1)), 7, 2$	0		0	0
$((1, 3), (2, 6), (7, 1)), 7, 3$	0		0	0
$((1, 3), (2, 6), (7, 1)), 7, 4$	0		0	0
$((1, 3), (2, 6), (7, 1)), 7, 5$	0			0
$((1, 3), (2, 6), (7, 1)), 4, 1$		0		0
$((1, 3), (2, 6), (7, 1)), 4, 0$		0	0	
$((1, 3), (2, 6), (7, 1)), 4, 5$	0	0		
$((1, 3), (2, 6), (7, 1)), 4, 3$		0		
$((1, 3), (2, 6), (7, 1)), 4, 9$	0	0		
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$((1, 3), (2, 6), (7, 1)), 6, 1$	0	0	0	0

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((1, 3), (2, 6), (7, 1)),6,3	0	0	0	0
((1, 3), (2, 6), (7, 1)),6,4		0	0	0
((1, 3), (2, 6), (7, 1)),6,5	0	0	0	0
((1, 3), (2, 6), (7, 1)),6,6	0		0	0
((1, 3), (2, 6), (7, 1)),6,7	0		0	0
((1, 3), (2, 6), (7, 1)),6,8	0		0	0
((1, 3), (2, 6), (7, 1)),6,9	0			0
((1, 3), (2, 6), (7, 1)),5,1	0	0		0
((1, 3), (2, 6), (7, 1)),5,0	0	0	0	
((1, 3), (2, 6), (7, 1)),5,3	0	0		
((1, 3), (2, 6), (7, 1)),5,5	0	0	0	
((1, 3), (2, 6), (7, 1)),5,6		0	0	0
((1, 3), (2, 6), (7, 1)),5,7		0	0	0
((1, 3), (2, 6), (7, 1)),5,8		0	0	0
((1, 3), (2, 6), (7, 1)),5,9	0	0		0
((1, 3), (2, 6), (7, 1)),3,5		0		
((1, 3), (2, 6), (7, 1)),3,9	0	0		0
((1, 3), (2, 6), (7, 1)),3,8	0		0	0
((1, 3), (2, 6), (7, 1)),3,7	0		0	
((1, 3), (2, 6), (7, 1)),3,2	0			
((1, 3), (2, 6), (7, 1)),2,9	0	0		0
((1, 3), (2, 6), (7, 1)),2,8	0	0	0	0
((1, 3), (2, 6), (7, 1)),2,7	0	0	0	0
((1, 3), (2, 6), (7, 1)),2,4	0			0
((1, 3), (2, 6), (7, 1)),2,3	0		0	0
((1, 3), (2, 6), (7, 1)),2,2	0	0	0	0
((1, 3), (2, 6), (7, 1)),2,0	0		0	
((1, 3), (2, 6), (7, 1)),2,1	0		0	0
((1, 3), (2, 6), (7, 1)),1,9	0	0		0
((1, 3), (2, 6), (7, 1)),1,8	0	0	0	0
((1, 3), (2, 6), (7, 1)),1,7	0	0	0	0
((1, 3), (2, 6), (7, 1)),1,6	0	0	0	
((1, 3), (2, 6), (7, 1)),1,4	0	0		0
((1, 3), (2, 6), (7, 1)),1,2	0	0	0	0
((1, 3), (2, 6), (7, 1)),1,1		0	0	0
((1, 3), (2, 6), (7, 1)),1,0	0	0	0	
((1, 3), (2, 6), (7, 1)),0,9		0		0
((1, 3), (2, 6), (7, 1)),0,8		0	0	0
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()),9,8	-3		-1	
()),9,9	0			0
()),9,6	-5			-7
()),9,5			-6	-8
()),9,4			-7	-9
()),9,3			-8	-10
()),9,2			-9	-11
()),9,1			-10	-12
()),9,0	-13		-11	
()),8,8		-2	-2	-4
()),8,9		-1		-3
()),8,7			-3	-5

() ,8,6		-6	-4	
() ,8,0	-14	-12		
() ,4,1		-17		-17
() ,4,0		-16	-18	
() ,4,5	-23	-21		
() ,4,3		-19		
() ,4,9	-27	-25		
() ,7,0	-15	-13	-15	
() ,7,1	-16		-16	-14
() ,7,2	-17		-17	-15
() ,7,3	-18		-18	-16
() ,7,4	-19		-19	-17
() ,7,5	-20			-18
() ,5,1	-18	-16		-16
() ,5,0	-17	-15	-17	
() ,5,3	-20	-18		
() ,5,5	-22	-20	-22	
() ,5,6		-21	-23	-21
() ,5,7		-22	-24	-22
() ,5,8		-23	-25	-23
() ,5,9	-26	-24		-24
() ,6,0	-16	-14	-16	
() ,6,1	-17	-15	-17	-15
() ,6,2		-16	-18	-16
() ,6,3	-19	-17	-19	-17
() ,6,4		-18	-20	-18
() ,6,5	-21	-19	-21	-19
() ,6,6	-22		-22	-20
() ,6,7	-23		-23	-21
() ,6,8	-24		-24	-22
() ,6,9	-25			-23
() ,3,5		-22		
() ,3,9	-28	-26		-28
() ,3,8	-29		-27	-29
() ,3,7	-30		-28	
() ,3,2	-39			
() ,2,9	-29	-27		-29
() ,2,8	-30	-28	-28	-30
() ,2,7	-31	-29	-29	-31
() ,2,6	-32		-30	
() ,2,4	-36			-38
() ,2,3	-37		-37	-39
() ,2,2	-38	-40	-38	-40
() ,2,0	-40		-40	
() ,2,1	-39		-39	-41
() ,1,9	-30	-28		-30
() ,1,8	-31	-29	-29	-31
() ,1,7	-32	-30	-30	-32
() ,1,6	-33	-31	-31	
() ,1,4	-35	-37		-37
() ,1,3	-36	-38	-36	-38
() ,1,2	-37	-39	-37	-39
() ,1,1		-40	-38	-40
() ,1,0	-41	-41	-39	
() ,0,9		-29		-31
() ,0,8		-30	-30	-32
() ,0,7		-31	-31	-33
() ,0,6		-32	-32	-34

(),0,5			-33	-35
(),0,4		-36	-34	-36
(),0,3		-37	-35	-37
(),0,2		-38	-36	
(),0,0		-40		
((7, 1),),9,8	251		274	
((7, 1),),9,9	250			273
((7, 1),),9,6	249			247
((7, 1),),9,5			248	246
((7, 1),),9,4			247	245
((7, 1),),9,3			246	244
((7, 1),),9,2			245	243
((7, 1),),9,1			244	242
((7, 1),),9,0	101		243	
((7, 1),),8,8		252	266	250
((7, 1),),8,9		267		265
((7, 1),),8,7			251	249
((7, 1),),8,6		248	250	
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((7, 1),),7,0	57	59	-13	
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((7, 1),),4,1		0		0
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((7, 1),),4,5	0	0		
((7, 1),),4,3		0		
((7, 1),),4,9	0	0		
((7, 1),),6,0	56	58	-1	
((7, 1),),6,1	0	-13	0	0
((7, 1),),6,2		0	0	0
((7, 1),),6,3	0	0	0	0
((7, 1),),6,4		0	0	0
((7, 1),),6,5	0	0	0	0
((7, 1),),6,6	0		0	0
((7, 1),),6,7	0		0	0
((7, 1),),6,8	0		0	0
((7, 1),),6,9	0			0
((7, 1),),5,1	0	0		56
((7, 1),),5,0	55	57	-1	
((7, 1),),5,3	0	0		
((7, 1),),5,5	0	0	0	
((7, 1),),5,6		0	0	0
((7, 1),),5,7		0	0	0
((7, 1),),5,8		0	0	0
((7, 1),),5,9	0	0		0
((7, 1),),3,5		0		
((7, 1),),3,9	0	0		0
((7, 1),),3,8	0		0	0
((7, 1),),3,7	0		0	
((7, 1),),3,2	0			
((7, 1),),2,9	0	0		0
((7, 1),),2,8	0	0	0	0
((7, 1),),2,7	0	0	0	0
((7, 1),),2,6	0		0	
((7, 1),),2,4	0			0
((7, 1),),2,3	0		0	0

((7, 1),),2,2	0	0	0	0
((7, 1),),2,0	0		0	
((7, 1),),2,1	0		0	0
((7, 1),),1,9	0	0		0
((7, 1),),1,8	0	0	0	0
((7, 1),),1,7	0	0	0	0
((7, 1),),1,6	0	0	0	
((7, 1),),1,4	0	0		0
((7, 1),),1,3	0	0	0	0
((7, 1),),1,2	0	0	0	0
((7, 1),),1,1		0	0	0
((7, 1),),1,0	0	0	0	
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((7, 1),),0,4		0	0	0
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((7, 1),),0,2		0	0	
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((2, 6),),9,8	4586		4588	
((2, 6),),9,9	4573			4587
((2, 6),),9,6	4570			4568
((2, 6),),9,5			4569	4560
((2, 6),),9,4			4561	4559
((2, 6),),9,3			4560	4558
((2, 6),),9,2			4559	4557
((2, 6),),9,1			4558	4556
((2, 6),),9,0	4555		4557	
((2, 6),),8,8		4587	4587	4571
((2, 6),),8,9		4588		4586
((2, 6),),8,7			4572	4570
((2, 6),),8,6		4569	4571	
((2, 6),),8,0	4554	4556		
((2, 6),),4,1		4509		4509
((2, 6),),4,0		4510	4508	
((2, 6),),4,5	3747	3749		
((2, 6),),4,3		4507		
((2, 6),),4,9	3666	3745		
((2, 6),),7,0	4553	4555	4511	
((2, 6),),7,1	4510		4510	4554
((2, 6),),7,2	4509		4509	4511
((2, 6),),7,3	4508		4326	4510
((2, 6),),7,4	4325		3751	4509
((2, 6),),7,5	3750			3752
((2, 6),),5,1	4508	4510		4510
((2, 6),),5,0	4509	4511	4509	
((2, 6),),5,3	4506	4508		
((2, 6),),5,5	3748	3750	3748	
((2, 6),),5,6		3749	3747	3749
((2, 6),),5,7		3748	3746	3748
((2, 6),),5,8		3747	3745	3747
((2, 6),),5,9	3744	3746		3746
((2, 6),),6,0	4510	4554	4510	
((2, 6),),6,1	4509	4553	4507	4511
((2, 6),),6,2		4510	4508	4510
((2, 6),),6,3	4507	4509	4507	4509

((2, 6),),6,4		4326	4506	4508
((2, 6),),6,5	3749	3751	3749	4507
((2, 6),),6,6	3748		3748	3750
((2, 6),),6,7	3747		3747	3749
((2, 6),),6,8	3746		3746	3748
((2, 6),),6,9	3745			3747
((2, 6),),3,5		3748		
((2, 6),),3,9	3665	3667		3665
((2, 6),),3,8	3664		3666	3664
((2, 6),),3,7	3663		3665	
((2, 6),),3,2	633			
((2, 6),),2,9	3664	3666		3664
((2, 6),),2,8	2904	3665	3665	3663
((2, 6),),2,7	3662	3664	2905	-29
((2, 6),),2,4	2898			2896
((2, 6),),2,3	2897		2897	2895
((2, 6),),2,2	2896	632	2896	2894
((2, 6),),2,0	630		2894	
((2, 6),),2,1	2895		2895	631
((2, 6),),1,9	3663	3665		3663
((2, 6),),1,8	2903	3664	3664	2903
((2, 6),),1,7	3661	3663	3663	2900
((2, 6),),1,6	2901	-29	2901	
((2, 6),),1,4	2899	2897		2897
((2, 6),),1,3	2898	2896	2898	2896
((2, 6),),1,2	2897	2895	2897	2895
((2, 6),),1,1		632	2896	2894
((2, 6),),1,0	2893	631	2895	
((2, 6),),0,9		3664		3662
((2, 6),),0,8		3663	3663	2902
((2, 6),),0,7		3662	2903	2901
((2, 6),),0,6		2900	3661	2900
((2, 6),),0,5			2901	2899
((2, 6),),0,4		2898	2900	2898
((2, 6),),0,3		2897	2899	2897
((2, 6),),0,2		2896	2898	
((2, 6),),0,0		2894		
((2, 6), (7, 1)),9,8	0		0	
((2, 6), (7, 1)),9,9	0			0
((2, 6), (7, 1)),9,6	0			0
((2, 6), (7, 1)),9,5			0	0
((2, 6), (7, 1)),9,4			0	0
((2, 6), (7, 1)),9,3			0	0
((2, 6), (7, 1)),9,2			0	0
((2, 6), (7, 1)),9,1			0	0
((2, 6), (7, 1)),9,0	0		0	
((2, 6), (7, 1)),8,8		0	0	0
((2, 6), (7, 1)),8,9		0		0
((2, 6), (7, 1)),8,7			0	0
((2, 6), (7, 1)),8,6		0	0	
((2, 6), (7, 1)),8,0	0	0		
((2, 6), (7, 1)),7,0	0	0	0	
((2, 6), (7, 1)),7,2	0		0	0
((2, 6), (7, 1)),7,3	0		0	0
((2, 6), (7, 1)),7,4	0		0	0
((2, 6), (7, 1)),7,5	0			0
((2, 6), (7, 1)),4,1		0		0
((2, 6), (7, 1)),4,0		0	0	

((2, 6), (7, 1)),4,5	0	0		
((2, 6), (7, 1)),4,3		0		
((2, 6), (7, 1)),4,9	0	0		
((2, 6), (7, 1)),6,0	0	0	0	
((2, 6), (7, 1)),6,1	0	0	0	0
((2, 6), (7, 1)),6,2		0	0	0
((2, 6), (7, 1)),6,3	0	0	0	0
((2, 6), (7, 1)),6,4		0	0	0
((2, 6), (7, 1)),6,5	0	0	0	0
((2, 6), (7, 1)),6,6	0		0	0
((2, 6), (7, 1)),6,7	0		0	0
((2, 6), (7, 1)),6,8	0		0	0
((2, 6), (7, 1)),6,9	0			0
((2, 6), (7, 1)),5,1	0	0		0
((2, 6), (7, 1)),5,0	0	0	0	
((2, 6), (7, 1)),5,3	0	0		
((2, 6), (7, 1)),5,5	0	0	0	
((2, 6), (7, 1)),5,6		0	0	0
((2, 6), (7, 1)),5,7		0	0	0
((2, 6), (7, 1)),5,8		0	0	0
((2, 6), (7, 1)),5,9	0	0		0
((2, 6), (7, 1)),3,5		0		
((2, 6), (7, 1)),3,9	0	0		0
((2, 6), (7, 1)),3,8	0		0	0
((2, 6), (7, 1)),3,7	0		0	
((2, 6), (7, 1)),3,2	0			
((2, 6), (7, 1)),2,9	0	0		0
((2, 6), (7, 1)),2,8	0	0	0	0
((2, 6), (7, 1)),2,7	0	0	0	0
((2, 6), (7, 1)),2,4	0			0
((2, 6), (7, 1)),2,3	0		0	0
((2, 6), (7, 1)),2,2	0	0	0	0
((2, 6), (7, 1)),2,0	0		0	
((2, 6), (7, 1)),2,1	0		0	0
((2, 6), (7, 1)),1,9	0	0		0
((2, 6), (7, 1)),1,8	0	0	0	0
((2, 6), (7, 1)),1,7	0	0	0	0
((2, 6), (7, 1)),1,6	0	0	0	
((2, 6), (7, 1)),1,4	0	0		0
((2, 6), (7, 1)),1,3	0	0	0	0
((2, 6), (7, 1)),1,2	0	0	0	0
((2, 6), (7, 1)),1,1		0	0	0
((2, 6), (7, 1)),1,0	0	0	0	
((2, 6), (7, 1)),0,9		0		0
((2, 6), (7, 1)),0,8		0	0	0
((2, 6), (7, 1)),0,7		0	0	0
((2, 6), (7, 1)),0,6		0	0	0
((2, 6), (7, 1)),0,5			0	0
((2, 6), (7, 1)),0,4		0	0	0
((2, 6), (7, 1)),0,3		0	0	0
((2, 6), (7, 1)),0,2		0	0	
((2, 6), (7, 1)),0,0		0		