

	0	1	2	3	4
0	4		5		
1		1	8		
2					
3			6		
4	4			9	

NZ:

0	4	5	4
1	1	8	5
2	4	9	6
3	6		

PERM:

0
1
4
3
2

COL:

0	2
1	2
0	3
2	

PTR:

0	4	7
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