

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

NZ:

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

COL:

0	2	1	2	2	0	3
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PTR:

0	2	4	4	5	7
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