

Examples for acts of replacements (chains). The collection is presently in order sqab, therefore sqba is deviating.

A000027 = 3 → A000217 = 6

Collection in order sqab		Collection in order sqba		sqab	sqba	Chain nr	step
Value a	Value b	Value a	Value b				
1	1	1	1	1	1		
1	2	1	2	2	2		
1	3	2	2	3	4	3	1
2	2	1	3	4	3	3	2
2	3	2	3	5	5	4	
3	3	3	3	6	6	5	

A000027 = 4 → A000217 = 10

Collection in order sqab		Collection in order sqba		sqab	sqba	Chain nr	step
Value a	Value b	Value a	Value b				
1	1	1	1	1	1	1	
1	2	1	2	2	2	2	
1	3	2	2	3	4	3	1
1	4	1	3	4	7	3	2
2	2	2	3	5	3	3	6
2	3	3	3	6	5	3	5

2	4		1	4		7	8		3	3
3	3		2	4		8	6		3	4
3	4		3	4		9	9		4	
4	4		4	4		10	10		5	

A000027 = 6 → A000217 = 21

Collection in order sqab		Collection in order sqba		sqab	sqba	Chain nr	step
Value a	Value b	Value a	Value b				
1	1	1	1	1	1	1	
1	2	1	2	2	2	2	
1	3	2	2	3	4	3	1
1	4	1	3	4	7	3	2
1	5	2	3	5	11	4	1
1	6	3	3	6	16	5	1
2	2	1	4	7	3	3	3
2	3	2	4	8	5	4	7
2	4	3	4	9	8	4	6
2	5	4	4	10	12	5	3
2	6	1	5	11	17	4	2
3	3	2	5	12	6	5	4
3	4	3	5	13	9	4	5
3	5	4	5	14	13	4	4
3	6	5	5	15	18	6	1
4	4	1	6	16	10	5	2

4	5		2	6		17	14		4	3
4	6		3	6		18	19		6	2
5	5		4	6		19	15		6	3
5	6		5	6		20	20		7	
6	6		6	6		21	21		8	