

Triangle in A305834

k	0	1	2	3	4	5	6	7	8
-----	---	---	---	---	---	---	---	---	---

	Row Sum
n	σ_n
0	1
1	1
2	5
3	9
4	29
5	65
6	181
7	441
8	1165
9	2929
10	7589
11	19305
12	49661
13	126881
14	325525
15	833049
16	2135149
17	5467345

1									
1									
1	4								
1	8	16							
1	12	48	64						
1	16	72	96	128					
1	20	80	120	160	256				
1	24	96	144	192	256	384			
1	28	112	168	224	256	384	1024		
1	32	128	192	256	256	384	1024	1280	
1	36	144	216	288	256	384	1024	1280	1024
1	40	160	240	320	256	384	1024	1280	6144
1	44	176	264	352	256	384	1024	1280	4096
1	48	192	288	384	256	384	1024	1280	28672
1	52	208	312	416	256	384	1024	1280	16384
1	56	224	336	448	256	384	1024	1280	131072
1	60	240	360	480	256	384	1024	1280	65536
1	64	256	384	512	256	384	1024	1280	589824

The sequence generated by the row sums is [A006131](#).

REFERENCE:

Shara Lalo and Zagros Lalo, Polynomial Expansion Theorems and Number Triangles, Zana Publishing, 2018, ISBN: 978-1-9995914-0-3, pp 372