Table140_Col+RowNPS

Table140_Col+RowNPS																				
p	**Mp=z**	**x**	**PN=xz**	**8PN**	**8PN-4z=4MPS**	**8PN+1=MPS$_{next}$**	**MPS=z²**	**y=x-1**	**Column=C**	**Row=R**	**C+R**	***n**	**PN=n(C+R)**	***ΔR-C**	**ΔC**	**ΔR**	***Δ in Δ=Diagonal STEPS**	**Vertical OFFSET=y**	**Horizontal OFFSET=y+2**	***Δ in y OFFSET**
2	3	2	6	48	36	49	9	1	4	8	12	0.5	6	4	3	5	2	1	3	
3	7	4	28	224	196	225	49	3	10	18	28	1	28	8	6	10	4	3	5	2
4	15	8	120	960	900	961	225	7	22	38	60	2	120	16	12	20	8	7	9	4
5	31	16	496	3968	3844	3969	*961	15	46	78	124	4	496	32	24	40	16	15	17	8
6	63	32	2016	16128	15876	16129	3969	31	94	158	252	8	2016	64	48	80	32	31	33	16
7	127	64	8128	65024	64516	65025	16129	63	190	318	508	16	8128	128	96	160	64	63	65	32
8	255	128	32640	261120	260100	261121	65025	127	382	638	1020	32	32640	256	192	320	128	127	129	64
9	511	256	130816	1046528	1044484	1046529	261121	255	766	1278	2044	64	130816	512	384	640	256	255	257	128
10	1023	512	523776	4190208	4186116	4190209	1046529	511	1534	2558	4092	128	523776	1024	768	1280	512	511	513	256
11	2047	1024	2096128	16769024	16760836	16769025	4190209	1023	3070	5118	8188	256	2096128	2048	1536	2560	1024	1023	1025	512
12	4095	2048	8386560	67092480	67076100	67092481	16769025	2047	6142	10238	16380	512	8386560	4096	3072	5120	2048	2047	2049	1024
13	8191	4096	33550336	268402688	268369924	268402689	67092481	4095	12286	20478	32764	1024	33550336	8192	6144	10240	4096	4095	4097	2048
14	16383	8192	134209536	1073676288	1073610756	1073676289	268402689	8191	24574	40958	65532	2048	134209536	16384	12288	20480	8192	8191	8193	4096
15	32767	16384	536854528	4294836224	4294705156	4294836225	1073676289	16383	49150	81918	131068	4096	536854528	32768	24576	40960	16384	16383	16385	8192
16	65535	32768	2147450880	17179607040	17179344900	17179607041	4294836225	32767	98302	163838	262140	8192	2147450880	65536	49152	81920	32768	32767	32769	16384
17	131071	65536	8589869056	68718952448	68718428164	68718952449	17179607041	65535	196606	327678	524284	16384	8589869056	131072	98304	163840	65536	65535	65537	32768
18	262143	131072	34359607296	274876858368	274875809796	274876858369	68718952449	131071	393214	655358	1048572	32768	34359607296	262144	196608	327680	131072	131071	131073	65536
19	524287	262144	137438691328	1099509530624	1099507433476	1099509530625	274876858369	262143	786430	1310718	2097148	65536	137438691328	524288	393216	655360	262144	262143	262145	131072
20	1048575	524288	549755289600	4398042316800	4398038122500	4398042316801	1099509530625	524287	1572862	2621438	4194300	131072	549755289600	1048576	786432	1310720	524288	524287	524289	262144
21	2097151	1048576	2199022206976	17592177655808	17592169267204	17592177655809	4398042316801	1048575	3145726	5242878	8388604	262144	2199022206976	2097152	1572864	2621440	1048576	1048575	1048577	524288
22	4194303	2097152	8796090925056	70368744044032	70368710623236	70368744044033	17592177655809	2097151	6291454	10485758	16777212	524288	8796090925056	4194304	3145728	5242880	2097152	2097151	2097153	1048576
23	8388607	4194304	35184367894528	281474943156224	281474909601792	281474943156225	70368744044033	4194303	12582910	20971518	33554428	1048576	35184367894528	8388608	6291456	10485760	4194304	4194303	4194305	2097152
24	16777215	8388608	140737479966720	1125899839733760	1125899840258043	1125899839733761	281474943156224	8388607	25165822	41943038	67108860	2097152	140737479966720	16777216	12582912	20971520	8388608	8388607	8388609	4194304
25	33554431	16777216	562949936644096	4503599493152768	4503599358935044	4503599493152769	1125899839733761	16777215	50331646	83886078	134217724	4194304	562949936644096	33554432	25165824	41943040	16777216	16777215	16777217	8388608
26	67108863	33554432	2251799780130816	18014398241046528	18014397972611076	18014398241046529	4503599493152769	33554431	100663294	167772158	268435452	8388608	2251799780130816	67108864	50331648	83886080	33554432	33554431	33554433	16777216
27	134217727	67108864	9007199187632128	72057593501057024	72057592964186116	72057593501057025	18014398241046529	67108863	201326590	335544318	536870908	16777216	9007199187632128	134217728	100663296	167772160	67108864	67108863	67108865	33554432
28	268435455	134217728	36028796884746240	288230375077969920	288230374004228100	288230375077969921	72057593501057025	134217727	402653182	671088638	1073741820	33554432	36028796884746240	268435456	201326592	335544320	134217728	134217727	134217729	67108864
29	536870911	268435456	144115187807420416	1152921504459363328	1152921500311879684	1152921504459363329	288230375077969921	268435455	805306366	1342177278	2147483644	67108864	144115187807420416	536870912	402653184	671088640	268435456	268435455	268435457	134217728
30	1073741823	536870912	576460751766552576	4611686014132420608	4611686009837453316	4611686014132420609	1152921504459363329	536870911	1610612734	2684354558	4294967292	134217728	576460751766552576	1073741824	805306368	1342177280	536870912	536870911	536870913	268435456
31	2147483647	1073741824	2305843008139952128	18446744065119617024	18446744405529682436	18446744065119617025	4611686014132420609	1073741823	3221225470	5368709118	8589934588	268435456	2305843008139952128	2147483648	1610612736	2684354560	1073741824	1073741823	1073741825	536870912
61	2305843009213693951	1152921504606846976	2658455991569831744654692615953842176	2.12676479325587E+37	2.12676479325587E+37	2.12676479325587E+37	5.31691198313966E+36	1152921504606846975	3458764513820540000	5764607523034230000	9223372036854770000	2882303761517120000	2658455991569830000000000000000000000	2305843009213690000	3458764513820540000	5764607523034230000	2305843009213690000	1152921504606846975	1152921504606850000	1152921504606850000
89	618970019642690137449562111	309485009821345068724781056	191561942608236107294793378084303638130997321548169216	1.53249554086589E+54	1.53249554086589E+54	1.53249554086589E+54	3.83123885216472E+53	309485009821345068724781055	928455029464035000000000000	1547425049106730000000000000	2475880078570770000000000000	7737125245533630000000000	1915619426082370000000000000000000000000000000	618970019642695000000000000	928455029464035000000000000	1547425049106730000000000000	618970019642695000000000000	309485009821345068724781055	309485009821345000000000000	309485009821345000000000000
107	162259276829213363391578010288127	811296384146066816957890051 44064	131640364585696483372397534604587229102234723183869431177837 28128	1.05312291668557E+65	1.05312291668557E+65	1.05312291668557E+65	2.63280729171393E+64	811296384146066816957890051 44063	2433889152438200000000000000000	4056481920730330000000000000000	6490371073168530000000000000000	2028240960365170000000000000000	1316403645856970000000000000000000000000000000000000000000000000000000000	162259276829213000000000000000000	2433889152438200000000000000000	4056481920730330000000000000000	162259276829213000000000000000000	811296384146066816957890051 44063	811296384146067000000000000000000	811296384146067000000000000000000
127	170141183460469231731687303715884105727	85070591730234615865843651957942052864	1447401115466452442794637312608598848157367749147483588906635434913119915212 8	1.15792089237316E+77	1.34078079299426E+154	1.15792089237316E+77	2.89480223093 29E+76	85070591730234615865843651957942052863	2552117751907040000000000000000000000	4253529586511730000000000000000000000	6805647338418770000000000000000000000	2126767493255870000000000000000000000	1447401115466460000000000000000000000000000000000000000000000000000000000000000000	1701411834604690000000000000000000000	2552117751907040000000000000000000000	4253529586511730000000000000000000000	1701411834604690000000000000000000000	85070591730234615865843651957942052863	85070591730234600000000000000000000	85070591730234600000000000000000000
p	**Mp=z**	**x**	**PN=xz**	**4PN**	**+ 4n=2x**	**PN$_{next}$ = 4PN+4n**	**MPS=z²**	**y=x-1**	**Column=C**	**Row=R**	**C+R**	***n**	**PN=n(C+R)**	***ΔR-C**	**ΔC**	**ΔR**	***Δ in Δ**	**Vertical OFFSET=y**	**Horizontal OFFSET=y+2**	***Δ in y OFFSET**

Table140_Col+Row NPS	8 Perfect Numbers - 4z = 4 MPS. 8 Perfect Numbers +1 = MPS$_{next}$. Active TRUE (colors) and NOT True "containers." p≥61 are roughed out only. Copyright©2023, Reginald Brooks, Brooks Design. All rights reserved.	Refer to the graphic figure: Table140_Col+Row NPS for referencing this side ———>	On the **BIM**, Axis values (coordinates) for the Columns and Rows — and their differences (Δ) — inform the **MPS** placements and values. The differences are of special interest as they form a distinct **Number Pattern Sequence (NPS)** that is none other than the Exponential Power of 2, a.k.a. ***The Butterfly Fractal 1***. This side of the table present those values of the ***Coordinate-Based Rectangle (CBR)*** on the **BIM**. The ***CBR*** formed for each "container" generates the "next" "container" by it value at the coordinate corner of the rectangle, 8PN to which you add 1.