

Title: Golden Pattern  
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**Abstract:** This paper develops the divisibility of the so-called **Simple Primes numbers** (1 to 9), the discovery of a pattern to infinity, the demonstration of the Inharmonics that are 2,3,5,7 and the harmony of 1. The discovery of infinite harmony represented in fractal numbers and patterns. This is a family before the prime numbers.

### Simple Prime Number

In order to understand how simple Primes numbers work in this text, the approach is partial, only use divisible digits from 1 to 9. For a number to be considered Simple Prime by dividing it by 2, 3, 4, 5, 6, 7, 8, 9 must give a decimal result.  
 Prime numbers are those that are only divisible by themselves and by unity. Those that can be divided by other numbers from (2 to 9) are called Simple Compounds

Simple Prime Number  $\in \mathbb{Z}$

The simple prime numbers maintain equivalent proportions in the positive numbers and also in the negative numbers.  
 In this paper the demonstrations are made with numbers  $\in \mathbb{N}$

### The Golden Pattern

The Pattern discovered is from 1 to 630. It repeats itself to infinity respecting that proportion. The Golden Pattern consists of a rectangle of 6 columns x 105 lockers. The Prime numbers fall into only two columns in that of 1 (Column A) and 5 (column B) They are yellow. The compounds are red.  
 The Golden Pattern is divided into three Sectors. From 1 to 210, from 211 to 420 and from 421 to 630 proportional. These are identical, the only variable being their reductions. Each sector is divided into two separate portions. So there are 6 parts in the pattern.  
 The Golden Pattern have so many amazing equivalences that dazzle by their order, harmony, beauty and balance. The quantities are divided into two similar columns. Their quantities are the same, their proportions as well. Adding the Primal Simple Numbers from each column we get perfect equality to infinity.

<b>Pattern</b> (1 to 630)	Sector 1 (1 to 210) Sector. 2 (211 to 420) Sector. 3 (421 to 630).	Portion 1 (1 to 105) Portion 2 (106 to 210) Portion 3 (211 to 315) Portion 4 (416 to 420) Portion 5 (421 to 525) Portion 6 (526 to 630)
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In each Portion there are 24 simple Prime numbers, in each Sector there are double, 48 prime numbers. And in the Total Pattern there is the triple, Then there are 144 Simple Primes.  
 Nps= Simple Prime Numbers

Portion 1 $\sum_{Nps \geq 1}^{105} = 24 \text{ Simple Prime Numbers}$	Portion 2 $\sum_{Nps \geq 106}^{210} = 24 \text{ Simple Prime Numbers}$
Portion 3 $\sum_{Nps \geq 211}^{315} = 24 \text{ Simple Prime Numbers}$	Portion 4 $\sum_{Nps \geq 316}^{420} = 24 \text{ Simple Prime Numbers}$
Portion 5 $\sum_{Nps \geq 421}^{525} = 24 \text{ Simple Prime Numbers}$	Portion 6 $\sum_{Nps \geq 526}^{630} = 24 \text{ Simple Prime Numbers}$

**Golden Pattern**  $\sum_{Nps \geq 1}^{630} = 144 \text{ Simple Prime Numbers}$

In each Pattern there are two columns A and B, in each column there are 72 prime numbers per Pattern, there are also 24 by Sector and 12 by Portion. Columns A and B work as if they were complementary opposites since their total results generate an equilibrium to infinity.  
 The table on the right shows the reductions of the Simple Primary Numbers in orange, the reductions complement each other between each Sector.

### Graph of the two Portions of the Sector 1 of the Golden Pattern

A	B				
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48
49	50	51	52	53	54
55	56	57	58	59	60
61	62	63	64	65	66
67	68	69	70	71	72
73	74	75	76	77	78
79	80	81	82	83	84
85	86	87	88	89	90
91	92	93	94	95	96
97	98	99	100	101	102
103	104	105	106	107	108
109	110	111	112	113	114
115	116	117	118	119	120

121	122	123	124	125	126
127	128	129	130	131	132
133	134	135	136	137	138
139	140	141	142	143	144
145	146	147	148	149	150
151	152	153	154	155	156
157	158	159	160	161	162
163	164	165	166	167	168
169	170	171	172	173	174
175	176	177	178	179	180
181	182	183	184	185	186
187	188	189	190	191	192
193	194	195	196	197	198
199	200	201	202	203	204
205	206	207	208	209	210

**Characteristics of the Pattern**

The values in column (A) are always reduced to combinations of 1, 4 and 7. The right column (B) is always reduced to combinations of 2, 5 and 8. The yellow ones are the primes, the red ones are Numbers Compounds. The reduction comes from the sum of their digits.

**The N° 2, 3, 5, 7 Special Simple Primes Numbers**

If these numbers were primes would destroy the proportions, the beauty and the harmony found to infinity, in fact the numbers Simple Primes have an exact equivalence between the amount that are distributed in column A and the column B, 72 N° Simple Primes of Each side, adding 144 in the Golden Pattern.

These two opposing but complementary columns have a perfect balance.

In turn the Three Sectors of the Golden Pattern are Triplets, this validates the fact that they are not Primes.

The 2, 3, 5 and 7 are divisible by themselves and by one and the other, but do not meet a fundamental aspect, which is to be in harmony like the rest of the numbers to infinity.

The 7 is not Prime because in the first pattern from 1 to 630 it is reduced to 7 but in the following pattern its place would be 637, which is a multiple of 7 (7x91). The same thing happens to infinity every 630 numbers.

With the 5. In the following pattern his place occupies the 635, which is multiple of 5. (5x127)

The 2 is in another column, the place of 2 is occupied by 632 which is even and multiple of 2.

In 3 it is not within the reduction of values. (1, 4, 7 or 2, 5, 8) and in the following pattern 633 is formed instead, which is a multiple of 3.

This shows that Simple N Primes are Always Odd.

**N ° 1 Special Simple Prime Numbers.**

The 1 is Simple Prime Number, since the subsequent reductions in the Patterns to infinity in its place always reduce to 1 and maintain a precise equivalence and proportions.

631 = 1 This is the first Number of Pattern 2

1261 = 1 This is the first Number of Pattern 3

1891 = 1 This is the first Number of Pattern 4

**Golden Pattern complete divided into its three identical Sectors**

Each Sector operates every 210 numbers, their positions match in triplicate, the only variable are their reductions,

We can see in the graph that the reductions are combined in the same position and locker on the left in reductions 147 and on the right in 258

**Example**

1=1, 211=4, 421=7 (Left) 11=2, 221=5, 431=8 (right)

Red.	Sector 1						Red.	Red.	Sector 2						Red.	Red.	Sector 3						Red.
1	1	2	3	4	5	6		4	211	212	213	214	215	216		7	421	422	423	424	425	426	
	7	8	9	10	11	12	2		217	218	219	220	221	222	5		427	428	429	430	431	432	8
4	13	14	15	16	17	18	8	7	223	224	225	226	227	228	2	1	433	434	435	436	437	438	5
1	19	20	21	22	23	24	5	4	229	230	231	232	233	234	8	7	439	440	441	442	443	444	2
	25	26	27	28	29	30	2		235	236	237	238	239	240	5		445	446	447	448	449	450	8
4	31	32	33	34	35	36		7	241	242	243	244	245	246		1	451	452	453	454	455	456	
1	37	38	39	40	41	42	5	4	247	248	249	250	251	252	8	7	457	458	459	460	461	462	2
7	43	44	45	46	47	48	2	1	253	254	255	256	257	258	5	4	463	464	465	466	467	468	8
	49	50	51	52	53	54	8		259	260	261	262	263	264	2		469	470	471	472	473	474	5
	55	56	57	58	59	60	5		265	266	267	268	269	270	8		475	476	477	478	479	480	2
7	61	62	63	64	65	66		1	271	272	273	274	275	276		4	481	482	483	484	485	486	
4	67	68	69	70	71	72	8	7	277	278	279	280	281	282	2	1	487	488	489	490	491	492	5
1	73	74	75	76	77	78		4	283	284	285	286	287	288		7	493	494	495	496	497	498	
7	79	80	81	82	83	84	2	1	289	290	291	292	293	294	5	4	499	500	501	502	503	504	8
	85	86	87	88	89	90	8		295	296	297	298	299	300	2		505	506	507	508	509	510	5
	91	92	93	94	95	96			301	302	303	304	305	306			511	512	513	514	515	516	
7	97	98	99	100	101	102	2	1	307	308	309	310	311	312	5	4	517	518	519	520	521	522	8
4	103	104	105	106	107	108	8	7	313	314	315	316	317	318	2	1	523	524	525	526	527	528	5
1	109	110	111	112	113	114	5	4	319	320	321	322	323	324	8	7	529	530	531	532	533	534	2
	115	116	117	118	119	120			325	326	327	328	329	330			535	536	537	538	539	540	
4	121	122	123	124	125	126		7	331	332	333	334	335	336		1	541	542	543	544	545	546	
1	127	128	129	130	131	132	5	4	337	338	339	340	341	342	8	7	547	548	549	550	551	552	2
	133	134	135	136	137	138	2		343	344	345	346	347	348	5		553	554	555	556	557	558	8
4	139	140	141	142	143	144	8	7	349	350	351	352	353	354	2	1	559	560	561	562	563	564	5
	145	146	147	148	149	150	5		355	356	357	358	359	360	8		565	566	567	568	569	570	2
7	151	152	153	154	155	156		1	361	362	363	364	365	366		4	571	572	573	574	575	576	
4	157	158	159	160	161	162		7	367	368	369	370	371	372		1	577	578	579	580	581	582	
1	163	164	165	166	167	168	5	4	373	374	375	376	377	378	8	7	583	584	585	586	587	588	2
7	169	170	171	172	173	174	2	1	379	380	381	382	383	384	5	4	589	590	591	592	593	594	8
	175	176	177	178	179	180	8		385	386	387	388	389	390	2		595	596	597	598	599	600	5
1	181	182	183	184	185	186		4	391	392	393	394	395	396		7	601	602	603	604	605	606	
7	187	188	189	190	191	192	2	1	397	398	399	400	401	402	5	4	607	608	609	610	611	612	8
4	193	194	195	196	197	198	8	7	403	404	405	406	407	408	2	1	613	614	615	616	617	618	5
1	199	200	201	202	203	204		4	409	410	411	412	413	414		7	619	620	621	622	623	624	
	205	206	207	208	209	210	2		415	416	417	418	419	420	5		625	626	627	628	629	630	8

The units of each number of the 3 sectors are equal and occupy the same position.

Red.= Sum of digits and reduction of digits



Addition Simple Primes Numbers by Portion in (A + B)

Nps= Simple Prime Numbers

$$\sum_{Nps \geq 1}^{105} = 1248$$

$$\sum_{Nps \geq 106}^{210} = 3792 \quad \text{Diff. 2544}$$

$$\sum_{Nps \geq 211}^{315} = 6288 \quad \text{Diff. 2496}$$

$$\sum_{Nps \geq 316}^{420} = 8832 \quad \text{Diff. 2544}$$

$$\sum_{Nps \geq 421}^{525} = 11328 \quad \text{Diff. 2496}$$

$$\sum_{Nps \geq 526}^{630} = 13872 \quad \text{Diff. 2544}$$

Golden Pattern  $\sum_{Nps \geq 1}^{630} = 45360$

The reduction of 2544 = 2 + 5 + 4 + 4 = 15 = 1 + 5 = 6

The reduction of 2596 = 2 + 4 + 9 + 6 = 21 = 2 + 1 = 3

The reduction of totals always gives 9 in all cases if we add 630 numbers

The differences are repeated to infinity if we add 105 numbers

Addition Simple Primes Number by Sector in (A+B):

$$\sum_{Nps \geq 1}^{210} = 5040 \quad 48 \text{ Simple Prime numbers}$$

$$\sum_{Nps \geq 211}^{420} = 15120 \quad \text{Diff. 10080, } 48 \text{ Simple Prime numbers}$$

$$\sum_{Nps \geq 421}^{630} = 25200 \quad \text{Diff. 10080, } 48 \text{ Simple Prime numbers}$$

$\sum_{Nps \geq 1}^{630} = 45360 \quad 144 \text{ Simple Prime numbers}$

Each SECTOR is multiple x3, x5 with respect to the first. Also to infinity if we are adding 210 next numbers (x7, x9, x11, etc.)

Although Prime numbers only increase by 48. (Multiply x2, x3, x4, etc.)

45360= 5040 x9.

Addition Simple Primes Numbers by column (A and B) and Sector

Nps= Simple Prime Numbers

Column A $\sum_{Nps \geq 1}^{210} = 2520 \quad 24 \text{ Simple Prime Numbers}$	Column B $\sum_{Nps \geq 1}^{210} = 2520 \quad 24 \text{ Simple Prime Numbers}$
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Column A $\sum_{Nps \geq 211}^{420} = 7560 \quad 24 \text{ Simple Prime Numbers}$	Column B $\sum_{Nps \geq 211}^{420} = 7560 \quad 24 \text{ Simple Prime Numbers}$
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Column A $\sum_{Nps \geq 421}^{630} = 12600 \quad 24 \text{ Simple Prime Numbers}$	Column B $\sum_{Nps \geq 421}^{630} = 12600 \quad 24 \text{ Simple Prime Numbers}$
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144 Simple Primes **Total= 45360**

Each column is multiple x3, x5. Etc.

Simple Prime Numbers by Pattern

Golden Pattern  $\sum_{Nps \geq 1}^{630} 144 \text{ Simple Prime numbers}$

Pattern 2  $\sum_{Nps \geq 1}^{1260} 288 \text{ Simple Prime numbers}$

$$\text{Pattern 3 } \sum_{Nps \geq 1}^{1890} 432 \text{ Simple Prime Numbers}$$

It is repeated to infinity every 630 numbers. The pattern is multiplied by x2, x3, x4, x5, etc.

### Addition Simple Primes Numbers by Pattern

$$\text{Golden Pattern } \sum_{Nps \geq 1}^{630} 144 \text{ Simple Prime numbers} = 45360$$

$$\text{Pattern 2 } \sum_{Nps \geq 631}^{1260} 144 \text{ Simple Prime numbers} = 136080$$

Difference with the Golden Pattern is x3

$$\text{Pattern 3 } \sum_{Nps \geq 1261}^{1890} 144 \text{ Simple Prime numbers} = 226800$$

Difference with the Golden Pattern is x5

The model continues to multiply and is repeated to infinity every 630 numbers. (Odd Multiples for totals, x3, x5, x7, etc.). **Difference with the previous value in all cases is 90720.**

### Addition of Compounds numbers per Pattern

Nc= Compounds Numbers

$$\text{Pattern 1 } \sum_{Nc \geq 1}^{630} 486 \text{ Compounds numbers} = 153405$$

$$\text{Pattern 2 } \sum_{Nc \geq 631}^{1260} 486 \text{ Compounds numbers} = 459585$$

Difference 306180

$$\text{Pattern 3 } \sum_{Nc \geq 1261}^{1890} 486 \text{ Compounds numbers} = 765765$$

Difference 306180

### Total sums of Compounds numbers in columns (A and B) separately in the Golden Pattern

$\text{Pattern 1, Column A } \sum_{Nc \geq 1}^{630} 33 \text{ Compounds} = 10185$	$\text{Pattern 1, Column B } \sum_{Nc \geq 1}^{630} 33 \text{ Compounds} = 10605$
$\text{Pattern 2, Column A } \sum_{Nc \geq 631}^{1260} 33 \text{ Compounds} = 30975$	$\text{Pattern 2, Column B } \sum_{Nc \geq 631}^{1260} 33 \text{ Compounds} = 31395$
$\text{Pattern 3, Column A } \sum_{Nc \geq 1261}^{1890} 33 \text{ Compounds} = 51765$	$\text{Pattern 3, Column B } \sum_{Nc \geq 1261}^{1890} 33 \text{ Compounds} = 52185$

1 to 630 Column A 33 compounds = 10185  
Column B 33 compounds = 10605

Total 20790

631 to 1260 Column A 33 compounds = 30975 Diff. with the first 20790 in A  
Column B 33 compounds = 31395 Diff. with the first 20790 in B

Total 62370

1261 to 1890 Column A 33 compounds = 51765 Diff. with the first 20790 in A  
Column B 33 compounds = 52185 Diff. with the first 20790 in B

Total 103950

Odd Multiples for totals, x3, x5, etc.

$$20790 * 3 = 62370$$

$$20790 * 5 = 103950$$

### Total compounds numbers in columns (A + B) of the Golden Pattern 1 up to 630

$$\text{Golden Pattern, Column A + B } \sum_{Nc \geq 1}^{630} 66 \text{ Compounds numbers} = 20790$$

$$\text{Pattern 2, Column A + B } \sum_{Nc \geq 631}^{1260} 66 \text{ Compounds numbers} = 62370$$

Diff. with the first X3

$$\text{Pattern 3, Column A + B } \sum_{Nc \geq 1261}^{1890} 66 \text{ Compounds numbers} = 103950$$

Diff. with the first X5

There is also a difference between each Pattern of 41580

We could keep multiplying, x7, x9, x11, etc. To infinity every 630 more numbers.

### Sum of compounds numbers and Simple Primes Numbers

We add every 210 numbers all the values.

The sum of each SECTOR gives us a total:

n= numbers

$$\sum_{n \geq 1}^{210} = 22155 \quad (210 \text{ Numbers})$$

$$\sum_{n \geq 211}^{420} = 66255 \quad (210 \text{ Numbers}) \text{ Difference with the former of } 44100$$

$$\sum_{n \geq 421}^{630} = 110355 \quad (210 \text{ Numbers}) \text{ Difference with the former of } 44100$$

Golden Pattern  $\sum_{n \geq 1}^{630} = 198765$

The reduction of 22155, 66255 and 110355 in all three cases is reduced to **6**.  
 210 is reduced to **3**  
 The difference of 44100 is also reduced to **9** and this is repeated to infinity every 210 subsequent numbers

Lockers in A and B for Simple Primes Numbers

The three sectors are identical only vary their reductions  
 The pattern, column A, Sector 1 (from 1 to 210) has 24 Primes which are grouped by column of one, of to two, of to three or of four.  
 Forming the following sequence.  
 Column A 1,2,3,4,3,2,1,4,4.  
 The pattern, column B, Sector 1 (from 1 to 210) has 24 Primes which are grouped by column of one, of to two, of to three or of four.  
 Forming the following sequence  
 Column B 4,4,1,2,3,4,3,2,1

If we now observe and compare these frequencies we will realize that they are mirrored.  
 1,2,3,4,3,2,1,4,4    4,4,1,2,3,4,3,2,1  
 This detail is impressive. This is repeated in the three sectors of the Golden Pattern.

Reductions of the N° Simple Primes

Golden Pattern Reduction Values for Column A (1 to 630)

Presented in three rows (although it is only 1 row of 72 digits)  
 The funny thing is that each row coincides with the bottom one in the order 1, 4, 7 the values are never repeated per unit, ten, hundred, or unit thousand. These are combined.  
 The pattern matches the location format every 210 numbers but to be exact it must be up to 630. In this way all reductions coincide to infinity.

Presentation of the reductions in the 3 Sectors of Pattern in column A

<b>1</b>	<b>41</b>	<b>417</b>	<b>7417</b>	<b>741</b>	<b>41</b>	<b>4</b>	<b>7417</b>	<b>1741</b>
<b>4</b>	<b>74</b>	<b>741</b>	<b>1741</b>	<b>174</b>	<b>74</b>	<b>7</b>	<b>1741</b>	<b>4174</b>
<b>7</b>	<b>17</b>	<b>174</b>	<b>4174</b>	<b>417</b>	<b>17</b>	<b>1</b>	<b>4174</b>	<b>7417</b>

There are 9 combinations. We see how 1, 4 and 7 are combined not only horizontally but also very accurately vertical without repeating. We can also observe that (1, 4, 7) is repeated 9 times, while (4, 7, 1) is repeated 8 times and (7, 1, 4) is repeated 7 times

The same happens in column B.

<b>2852</b>	<b>5285</b>	<b>8</b>	<b>28</b>	<b>285</b>	<b>5285</b>	<b>528</b>	<b>28</b>	<b>2</b>
<b>5285</b>	<b>8528</b>	<b>2</b>	<b>52</b>	<b>528</b>	<b>8528</b>	<b>852</b>	<b>52</b>	<b>5</b>
<b>8528</b>	<b>2852</b>	<b>5</b>	<b>85</b>	<b>852</b>	<b>2852</b>	<b>285</b>	<b>85</b>	<b>8</b>

Both graphics are mirrored

<b>1</b>	<b>41</b>	<b>417</b>	<b>7417</b>	<b>741</b>	<b>41</b>	<b>4</b>	<b>7417</b>	<b>1741</b>	<b>2852</b>	<b>5285</b>	<b>8</b>	<b>28</b>	<b>285</b>	<b>5285</b>	<b>528</b>	<b>28</b>	<b>2</b>
<b>4</b>	<b>74</b>	<b>741</b>	<b>1741</b>	<b>174</b>	<b>74</b>	<b>7</b>	<b>1741</b>	<b>4174</b>	<b>5285</b>	<b>8528</b>	<b>2</b>	<b>52</b>	<b>528</b>	<b>8528</b>	<b>852</b>	<b>52</b>	<b>5</b>
<b>7</b>	<b>17</b>	<b>174</b>	<b>4174</b>	<b>417</b>	<b>17</b>	<b>1</b>	<b>4174</b>	<b>7417</b>	<b>8528</b>	<b>2852</b>	<b>5</b>	<b>85</b>	<b>852</b>	<b>2852</b>	<b>285</b>	<b>85</b>	<b>8</b>

There are 9 combinations. 2 of a digit, 2 of two digits, 2 of three digits and three of four digits. We see how 2, 5 and 8 combine not only horizontally but also very accurately vertical without repeating. We can also observe that (2, 5, 8) is repeated 9 times, while (8, 2, 5) is repeated 8 times and (5, 8, 2) is repeated 7 times.

Adding both reductions (1, 4, 7 and 2, 5, 8) on each side gives us: 147 + 258 = 405 = 9

Formula

Get Simple Primes number

We must add 630 to each simple prime number of the Golden Pattern to obtain others.

**Nps=x+630\*p**

x= (1, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97, 101, 103, 107, 109, 113, 121, 127, 131, 137, 139, 143, 149, 151, 157, 163, 167, 169, 173, 179, 181, 187, 191, 193, 197, 199, 209, 211, 221, 223, 227, 229, 233, 239, 241, 247,.....,629.)

p= Pattern Number

Nps= Simple Primes number

Example whit Pattern 1 and simple prime 11

Nps=11+630\*1=**641**

Example whit Pattern 2 and simple prime 11

$Nps=11+630*2=1271$

**Formula**

**Calculation of Simple Primes number**

The formula for calculating how many prime numbers there is, is very simple. We use a simple three rule since having the Master everything becomes very simple

Example how many prime numbers there are up to 6300?

$630 = 144$  Simple Primes Numbers

$6300 = x$

$X= (6300 . 144)/630= 1440$

**Calculate Simple Prime Numbers to determine where the pattern is located**

N° or= would be the order number in which it would be located in the Pattern

N° p = would be the Pattern number.

X = would be the number of which we want information

**Formula  $N^{\circ}or= x +-630*(N^{\circ}p-1)$**   
**Formula  $N^{\circ}p = \frac{x}{630}$**

Example: 1261

$N^{\circ}p = \frac{1261}{630} = 2.0015$ . (We round up, 3)

N°p = This number is in Pattern 3

$N^{\circ} or = x+ -630*(N^{\circ}p-1)$

$N^{\circ} or = 1261 + -630* (3-1)$

$N^{\circ} or = 1261 + - 630*2 =$

N° or = 1261+ 1260 = 2522 This out of the values 1 to 630

N° or = 1261-1260 = 1 This would be the location of the pattern

**Graphic**

Cropped graph of comparison between simple prime numbers and prime numbers.

We note that all prime numbers are always Simple Prime numbers.

Simple Prime numbers								Prime Numbers							
7	421	422	423	424	425	426		7	421	422	423	424	425	426	
	427	428	429	430	431	432	8		427	428	429	430	431	432	8
1	433	434	435	436	437	438	5	1	433	434	435	436	437	438	5
7	439	440	441	442	443	444	2	7	439	440	441	442	443	444	2
	445	446	447	448	449	450	8		445	446	447	448	449	450	8
1	451	452	453	454	455	456		1	451	452	453	454	455	456	
7	457	458	459	460	461	462	2	7	457	458	459	460	461	462	2
4	463	464	465	466	467	468	8	4	463	464	465	466	467	468	8
	469	470	471	472	473	474	5		469	470	471	472	473	474	5
	475	476	477	478	479	480	2		475	476	477	478	479	480	2
4	481	482	483	484	485	486		4	481	482	483	484	485	486	
1	487	488	489	490	491	492	5	1	487	488	489	490	491	492	5
7	493	494	495	496	497	498		7	493	494	495	496	497	498	
4	499	500	501	502	503	504	8	4	499	500	501	502	503	504	8
	505	506	507	508	509	510	5		505	506	507	508	509	510	5
	511	512	513	514	515	516			511	512	513	514	515	516	
4	517	518	519	520	521	522	8		517	518	519	520	521	522	8
1	523	524	525	526	527	528	5	1	523	524	525	526	527	528	5
7	529	530	531	532	533	534	2		529	530	531	532	533	534	2
	535	536	537	538	539	540			535	536	537	538	539	540	

The product of 7 consecutive integers is divisible by 7.

**Conclusion**

The Golden Pattern is the confirmation of an order to infinity in equilibrium, each column is in harmony and balance with the other, the demonstration of the inharmony of 2, 3, 5 and 7 is very great. The number 1 is necessary and generates balance. Simple Prime Numbers are a family prior to the Classical Prime Numbers.

All Prime Numbers are in this family of Simple Primal Numbers, although each time with less presence towards infinity. This generates that as the Simple Primes increase towards infinity the Primal Numbers approach 0 towards infinity. Both are infinite but in opposite directions. The simple prime numbers maintain equivalent proportions also in the negative numbers.

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