

Deficient Numbers

n , being a positive integer, the sum of all the positive divisors of n is shown as $\sigma(n)$.

If,

$\sigma(n) < 2n$ then, n is a deficient number.



Example:

Let us consider the number 14

The set of divisors = { 1, 2, 7, 14}

Sum of the members of the divisors set, $\sigma(n)$:

$$\sigma(n) = 1 + 2 + 7 + 14 = \mathbf{24}$$

$$2n = 2 * 14 = 28$$

$$\sigma(n) < 2n$$

$24 < 28$ provides, therefore 14 is a deficient number.

Let us consider the number 18

The set of divisors = {1, 2, 3, 6, 9, 18}

Sum of the members of the divisors set, $\sigma(n)$:

$$\sigma(n) = 1 + 2 + 3 + 6 + 9 + 18 = \mathbf{39}$$

$$2n = 2 * 18 = 36$$

Since the figure 36 is not greater then the figure 39, 18 is not a deficient number.

Deficient numbers 1 thru 286 are shown in the below list.

n	Divisors	$\sigma(n)$
2	1, 2	3
3	1, 3	4
4	1, 2, 4	7
5	1, 5	6
7	1, 7	8

www.symmetricbook.com

8	1, 2, 4, 8	15
9	1, 3, 9	13
10	1, 2, 5, 10	18
11	1, 11	12
13	1, 13	14
14	1, 2, 7, 14	24
15	1, 3, 5, 15	24
16	1, 2, 4, 8, 16	31
17	1, 17	18
19	1, 19	20
21	1, 3, 7, 21	32
22	1, 2, 11, 22	36
23	1, 23	24
25	1, 5, 25	31
26	1, 2, 13, 26	42
27	1, 3, 9, 27	40
29	1, 29	30
31	1, 31	32
32	1, 2, 4, 8, 16, 32	63
33	1, 3, 11, 33	48
34	1, 2, 17, 34	54
35	1, 5, 7, 35	48
37	1, 37	38
38	1, 2, 19, 38	60
39	1, 3, 13, 39	56
41	1, 41	42
43	1, 43	44
44	1, 2, 4, 11, 22, 44	84
45	1, 3, 5, 9, 15, 45	78
46	1, 2, 23, 46	72
47	1, 47	48
49	1, 7, 49	57
50	1, 2, 5, 10, 25, 50	93
51	1, 3, 17, 51	72
52	1, 2, 4, 13, 26, 52	98
53	1, 53	54
55	1, 5, 11, 55	72
57	1, 3, 19, 57	80

58	1, 2, 29, 58	90
59	1, 59	60
61	1, 61	62
62	1, 2, 31, 62	96
63	1, 3, 7, 9, 21, 63	104
64	1, 2, 4, 8, 16, 32, 64	127
65	1, 5, 13, 65	84
67	1, 67	68
68	1, 2, 4, 17, 34, 68	126
69	1, 3, 23, 69	96
71	1, 71	72
73	1, 73	74
74	1, 2, 37, 74	114
75	1, 3, 5, 15, 25, 75	124
76	1, 2, 4, 19, 38, 76	140
77	1, 7, 11, 77	96
79	1, 79	80
81	1, 3, 9, 27, 81	121
82	1, 2, 41, 82	126
83	1, 83	84
85	1, 5, 17, 85	108
86	1, 2, 43, 86	132
87	1, 3, 29, 87	120
89	1, 89	90
91	1, 7, 13, 91	112
92	1, 2, 4, 23, 46, 92	168
93	1, 3, 31, 93	128
94	1, 2, 47, 94	144
95	1, 5, 19, 95	120
97	1, 97	98
98	1, 2, 7, 14, 49, 98	171
99	1, 3, 9, 11, 33, 99	156
101	1, 101	102
103	1, 103	104
105	1, 3, 5, 7, 15, 21, 35, 105	192
106	1, 2, 53, 106	162
107	1, 107	108
109	1, 109	110

www.symmetricbook.com

110	1, 2, 5, 10, 11, 22, 55, 110	216
111	1, 3, 37, 111	152
113	1, 113	114
115	1, 5, 23, 115	144
116	1, 2, 4, 29, 58, 116	210
117	1, 3, 9, 13, 39, 117	182
118	1, 2, 59, 118	180
119	1, 7, 17, 119	144
121	1, 11, 121	133
122	1, 2, 61, 122	186
123	1, 3, 41, 123	168
124	1, 2, 4, 31, 62, 124	224
125	1, 5, 25, 125	156
127	1, 127	128
128	1, 2, 4, 8, 16, 32, 64, 128	255
129	1, 3, 43, 129	176
130	1, 2, 5, 10, 13, 26, 65, 130	252
131	1, 131	132
133	1, 7, 19, 133	160
134	1, 2, 67, 134	204
135	1, 3, 5, 9, 15, 27, 45, 135	240
136	1, 2, 4, 8, 17, 34, 68, 136	270
137	1, 137	138
139	1, 139	140
141	1, 3, 47, 141	192
142	1, 2, 71, 142	216
143	1, 11, 13, 143	168
145	1, 5, 29, 145	180
146	1, 2, 73, 146	222
147	1, 3, 7, 21, 49, 147	228
148	1, 2, 4, 37, 74, 148	266
149	1, 149	150
151	1, 151	152
152	1, 2, 4, 8, 19, 38, 76, 152	300
153	1, 3, 9, 17, 51, 153	234
154	1, 2, 7, 11, 14, 22, 77, 154	288
155	1, 5, 31, 155	192
157	1, 157	158


158	1, 2, 79, 158	240
159	1, 3, 53, 159	216
161	1, 7, 23, 161	192
163	1, 163	164
164	1, 2, 4, 41, 82, 164	294
165	1, 3, 5, 11, 15, 33, 55, 165	288
166	1, 2, 83, 166	252
167	1, 167	168
169	1, 13, 169	183
170	1, 2, 5, 10, 17, 34, 85, 170	324
171	1, 3, 9, 19, 57, 171	260
172	1, 2, 4, 43, 86, 172	308
173	1, 173	174
175	1, 5, 7, 25, 35, 175	248
177	1, 3, 59, 177	240
178	1, 2, 89, 178	270
179	1, 179	180
181	1, 181	182
182	1, 2, 7, 13, 14, 26, 91, 182	336
183	1, 3, 61, 183	248
184	1, 2, 4, 8, 23, 46, 92, 184	360
185	1, 5, 37, 185	228
187	1, 11, 17, 187	216
188	1, 2, 4, 47, 94, 188	336
189	1, 3, 7, 9, 21, 27, 63, 189	320
190	1, 2, 5, 10, 19, 38, 95, 190	360
191	1, 191	192
193	1, 193	194
194	1, 2, 97, 194	294
195	1, 3, 5, 13, 15, 39, 65, 195	336
197	1, 197	198
199	1, 199	200
201	1, 3, 67, 201	272
202	1, 2, 101, 202	306
203	1, 7, 29, 203	240
205	1, 5, 41, 205	252
206	1, 2, 103, 206	312
207	1, 3, 9, 23, 69, 207	312

www.symmetricbook.com

209	1, 11, 19, 209	240
211	1, 211	212
212	1, 2, 4, 53, 106, 212	378
213	1, 3, 71, 213	288
214	1, 2, 107, 214	324
215	1, 5, 43, 215	264
217	1, 7, 31, 217	256
218	1, 2, 109, 218	330
219	1, 3, 73, 219	296
221	1, 13, 17, 221	252
223	1, 223	224
225	1, 3, 5, 9, 15, 25, 45, 75, 225	403
226	1, 2, 113, 226	342
227	1, 227	228
229	1, 229	230
230	1, 2, 5, 10, 23, 46, 115, 230	432
231	1, 3, 7, 11, 21, 33, 77, 231	384
232	1, 2, 4, 8, 29, 58, 116, 232	450
233	1, 233	234
235	1, 5, 47, 235	288
236	1, 2, 4, 59, 118, 236	420
237	1, 3, 79, 237	320
238	1, 2, 7, 14, 17, 34, 119, 238	432
239	1, 239	240
241	1, 241	242
242	1, 2, 11, 22, 121, 242	399
243	1, 3, 9, 27, 81, 243	364
244	1, 2, 4, 61, 122, 244	434
245	1, 5, 7, 35, 49, 245	342
247	1, 13, 19, 247	280
248	1, 2, 4, 8, 31, 62, 124, 248	480
249	1, 3, 83, 249	336
250	1, 2, 5, 10, 25, 50, 125, 250	468
251	1, 251	252
253	1, 11, 23, 253	288
254	1, 2, 127, 254	384
255	1, 3, 5, 15, 17, 51, 85, 255	432
256	1, 2, 4, 8, 16, 32, 64, 128, 256	511

257	1, 257	258
259	1, 7, 37, 259	304
261	1, 3, 9, 29, 87, 261	390
262	1, 2, 131, 262	396
263	1, 263	264
265	1, 5, 53, 265	324
266	1, 2, 7, 14, 19, 38, 133, 266	480
267	1, 3, 89, 267	360
268	1, 2, 4, 67, 134, 268	476
269	1, 269	270
271	1, 271	272
273	1, 3, 7, 13, 21, 39, 91, 273	448
274	1, 2, 137, 274	414
275	1, 5, 11, 25, 55, 275	372
277	1, 277	278
278	1, 2, 139, 278	420
279	1, 3, 9, 31, 93, 279	416
281	1, 281	282
283	1, 283	284
284	1, 2, 4, 71, 142, 284	504
285	1, 3, 5, 15, 19, 57, 95, 285	480
286	1, 2, 11, 13, 22, 26, 143, 286	504

List-144

 Let us have a look, how many of the surahs with a deficient number of ayats have odd sequence numbers and how many of them have even thereof:

Surahs with deficient number of ayats

<i>No.</i>	<i>Surah</i>	<i>Ayat</i>
1	Al-Fātiḥa	7
2	Al-Baqarah	286
6	Al-En'ām	165
7	Al-A'rāf	206
8	Al-Anfāl	75
9	Al-Tawbah	129

<i>No.</i>	<i>Surah</i>	<i>Ayat</i>
57	Al-Ḥadīd	29
58	Al-Mujādalah	22
60	Al-Mumtaḥinah	13
61	Al-Şaff	14
62	Al-Jumu'ah	11
63	Al-Munāfiqūn	11

10	Yūnus	109	68	Al-Qalam	52
11	Hūd	123	69	Al-Ḥāqqah	52
12	Yūsuf	111	70	Al-Ma‘ārij	44
13	Al-Ra‘d	43	76	Al-Insān	31
14	Ibrāhīm	52	77	Al-Mursalāt	50
15	Al-Ḥijr	99	79	Al-Nāzi‘āt	46
16	Al-Naḥl	128	81	Al-Takwīr	29
17	Al-‘Isrā	111	82	Al-Infīṭār	19
18	Al-Kahf	110	84	Al-Inshiqāq	25
19	Maryam	98	85	Al-Burūj	22
20	Ṭhāhā	135	86	Al-Ṭāriq	17
23	Al-Mu‘minūn	118	87	Al-A‘lā	19
24	Al-Nūr	64	88	Al-Ghāshiyah	26
25	Al-Furqān	77	91	Al-Shams	15
26	Al-Shu‘arā	227	92	Al-Layl	21
27	Al-Naml	93	93	Al-Ḍuḥā	11
29	Al-‘Ankabūt	69	94	Al-Inshirāḥ	8
31	Luqmān	34	95	Al-Tīn	8
33	Al-Aḥzāb	73	96	Al-‘Alaq	19
35	Fāṭir	45	97	Al-Qadr	5
36	Yāsīn	83	98	Al-Bayyinah	8
37	Al-Şaffāt	182	99	Al-Zilzāl	8
39	Al-Zumar	75	100	Al-‘Ādiyāt	11
40	Al-Mu‘min	85	101	Al-Qāri‘ah	11
42	Al-Shūrā	53	102	Al-Takāthur	8
43	Al-Zukhruf	89	103	Al-‘Asr	3
44	Al-Dukhān	59	104	Al-Humaza	9
45	Al-Jāthiyah	37	105	Al-Fīl	5
46	Al-Aḥqāf	35	106	Quraysh	4
47	Muḥammad	38	107	Al-Mā‘ūn	7
48	Al-Fatḥ	29	108	Al-Kawthar	3
50	Qāf	45	110	Al-Naşr	3
52	Al-Ṭūr	49	111	Tabbat	5
53	Al-Najm	62	112	Al-Ikhlāş	4
54	Al-Qamar	55	113	Al-Falaq	5

List-145

There are 82 surahs in List-145

The surahs of which their number of ayats is deficient number and which have an odd sequence number

<i>No.</i>	<i>Surah</i>	<i>Ayat</i>	<i>No.</i>	<i>Surah</i>	<i>Ayat</i>
1	Al-Fātiḥa	7	57	Al-Ḥadīd	29
7	Al-A'rāf	206	61	Al-Şaff	14
9	Al-Tawbah	129	63	Al-Munāfiqūn	11
11	Hūd	123	69	Al-Ḥāqqah	52
13	Al-Ra'd	43	77	Al-Mursalāt	50
15	Al-Ḥijr	99	79	Al-Nāzi'āt	46
17	Al-'Isrā	111	81	Al-Takwīr	29
19	Maryam	98	85	Al-Burūj	22
23	Al-Mu'minūn	118	87	Al-A'lā	19
25	Al-Furqān	77	91	Al-Shams	15
27	Al-Naml	93	93	Al-Ḍuḥā	11
29	Al-'Ankabūt	69	95	Al-Tīn	8
31	Luqmān	34	97	Al-Qadr	5
33	Al-Aḥzāb	73	99	Al-Zilzāl	8
35	Fāṭir	45	101	Al-Qāri'ah	11
37	Al-Şaffāt	182	103	Al-'Asr	3
39	Al-Zumar	75	105	Al-Fīl	5
43	Al-Zukhruf	89	107	Al-Mā'ūn	7
45	Al-Jāthiyah	37	111	Tabbat	5
47	Muḥammad	38	113	Al-Falaq	5
53	Al-Najm	62			

List-146

There are 41 surahs in List-146

The surahs of which their number of ayats is deficient number and which have an even sequence number


<i>No.</i>	<i>Surah</i>	<i>Ayat</i>	<i>No.</i>	<i>Surah</i>	<i>Ayat</i>
2	Al-Baqarah	286	60	Al-Mumtaḥinah	13

6	Al-En‘ām	165	62	Al-Jumu‘ah	11
8	Al-Anfāl	75	68	Al-Qalam	52
10	Yūnus	109	70	Al-Ma‘ārij	44
12	Yūsuf	111	76	Al-Insān	31
14	Ibrāhīm	52	82	Al-Infīṭār	19
16	Al-Naḥl	128	84	Al-Inshiqāq	25
18	Al-Kahf	110	86	Al-Ṭāriq	17
20	Ṭāhā	135	88	Al-Ghāshiyah	26
24	Al-Nūr	64	92	Al-Layl	21
26	Al-Shu‘arā	227	94	Al-Inshirāḥ	8
36	Yāsīn	83	96	Al-‘Alaq	19
40	Al-Mu‘min	85	98	Al-Bayyinah	8
42	Al-Shūrā	53	100	Al-‘Ādiyāt	11
44	Al-Dukhān	59	102	Al-Takāthur	8
46	Al-Aḥqāf	35	104	Al-Humaza	9
48	Al-Fath	29	106	Quraysh	4
50	Qāf	45	108	Al-Kawthar	3
52	Al-Ṭūr	49	110	Al-Naṣr	3
54	Al-Qamar	55	112	Al-Ikhlāṣ	4
58	Al-Mujādalah	22			

List-147

There are 41 surahs in List-147

Let’s see the results which outcome collectively:



إِنَّ اللَّهَ كَانَ عَلِيمًا حَكِيمًا

“Certainly, Allāh is Ever a Careful Reckoner of all things”

(Al-Nisā/86)

NO.	SURAH	Ayat	SURAHS WITH DEFICIENT NUMBER OF AYATS AND ODD SEQUENCE NUMBER	SURAHS WITH DEFICIENT NUMBER OF AYATS AND EVEN SEQUENCE NUMBER
1	Al-Fatiha	7		
2	Al-Baqarah	286	X	
3	Al-Imran	200		X
4	Al-Nisa	176		
5	Al-Maidah	120		X
6	Al-An'am	165		
7	Al-A'raf	206	X	
8	Al-Anfal	75	X	X
9	Al-Tawbah	129		
10	Yonus	109		X
11	Hud	123	X	X
12	Yusuf	111		
13	Al-Ra'd	43	X	
14	Ibrahim	52		X
15	Al-Hijr	99	X	
16	Al-Nahl	128		X
17	Al-Isra	111	X	
18	Al-Kahf	110		X
19	Maryam	98	X	
20	Taha	135		X
21	Al-Anbiya	112		
22	Al-Hajj	78		
23	Al-Mu'minun	118	X	
24	Al-Nur	64		X
25	Al-Furqan	77	X	
26	Al-Shu'ara	227		X
27	Al-Naml	93	X	
28	Al-Qasas	88		
29	Al-Ankabut	89	X	
30	Al-Rum	60		
31	Lugman	34	X	
32	Al-Sajdah	30		
33	Al-Ahzab	73	X	
34	Saba	54		
35	Fatir	45	X	
36	Yaasin	83		X
37	Al-Saffat	182	X	
38	Sad	88		
39	Al-Zumar	75	X	
40	Al-Mumin	85		X
41	Fussilat	54		
42	Al-Shura	53		X
43	Al-Zukhruf	89	X	
44	Al-Dukhan	59		X
45	Al-Jathiyah	37	X	
46	Al-Ahqaf	35		X
47	Muhammad	38	X	
48	Al-Fath	29		
49	Al-Hujurat	18		X
50	Qaf	45		X
51	Al-Dhariyat	60		X
52	Al-Tur	49		X
53	Al-Najm	62	X	
54	Al-Qamar	55		X
55	Al-Rahman	78		
56	Al-Waqiah	96		
57	Al-Hadid	29	X	
58	Al-Mujadilah	22		X
59	Al-Hashr	24		X
60	Al-Mumtahanah	13	X	
61	Al-Saff	14		
62	Al-Jumu'ah	11		
63	Al-Munafiqun	11	X	
64	Al-Taghabin	18		
65	Al-Talaq	12		
66	Al-Tahrim	12		
67	Al-Mulk	30		
68	Al-Qalam	52		X
69	Al-Haqqah	52	X	
70	Al-Ma'arij	44		X
71	Nuh	28		
72	Al-Jinn	28		
73	Al-Muzzammil	20		
74	Al-Muddaththir	56		
75	Al-Qiyamah	40		
76	Al-Insan	31		X
77	Al-Mursalat	50	X	
78	Al-Naba	40		
79	Al-Nazi'at	46	X	
80	Abasa	42		
81	Al-Takwir	29	X	
82	Al-Infitar	19		X
83	Al-Mutaffifin	36		X
84	Al-Insiqua	26		X
85	Al-Buroj	22	X	
86	Al-Tariq	17		X
87	Al-A'ra	19	X	
88	Al-Ghashiyah	26		X
89	Al-Fajr	30		
90	Al-Balad	20		
91	Al-Shams	15	X	
92	Al-Layl	21		X
93	Al-Duha	11	X	
94	Al-Insirah	8		X
95	Al-Tin	8	X	
96	Al-Alaq	19		X
97	Al-Qadr	5	X	
98	Al-Bayyinah	8		X
99	Al-Zilzal	8	X	
100	Al-Adiyat	11		X
101	Al-Qari'ah	11	X	
102	Al-Takathur	8		X
103	Al-Asr	3	X	
104	Al-Humaza	9		X
105	Affil	5	X	
106	Quraysh	4		X
107	Al-Ma'un	7	X	
108	Al-Kawthar	3		X
109	Al-Kafirun	6		X
110	Al-Nasr	3		X
111	Tabbat	5	X	
112	Al-Ikhlās	4		X
113	Al-Falaq	5		X
114	Al-Nas	6		X

41

41

In the figure, equal distribution of the surahs with deficient number of ayats is shown.

Now, let's examine the surahs with non-deficient number of ayats with the same approach.

Surahs with non-deficient number of ayats

<i>No.</i>	<i>Surah</i>	<i>Ayat</i>	<i>No.</i>	<i>Surah</i>	<i>Ayat</i>
3	Āl 'Imrān	200	64	Al-Taghābun	18
4	Al-Nisā	176	65	Al-Ṭalāq	12
5	Al-Māidah	120	66	Al-Taḥrīm	12
21	Al-Anbiyā	112	67	Al-Mulk	30
22	Al-Ḥajj	78	71	Nūḥ	28
28	Al-Qaṣaṣ	88	72	Al-Jinn	28
30	Al-Rūm	60	73	Al-Muzzammil	20
32	Al-Sajdah	30	74	Al-Muddaththir	56
34	Saba	54	75	Al-Qiyāmah	40
38	Ṣād	88	78	Al-Naba'	40
41	Fuṣṣilat	54	80	'Abasa	42
49	Al-Ḥujurāt	18	83	Al-Muṭaffifin	36
51	Al-Dhāriyāt	60	89	Al-Fajr	30
55	Al-Raḥmān	78	90	Al-Balad	20
56	Al-Wāqī'ah	96	109	Al-Kāfirūn	6
59	Al-Ḥashr	24	114	Al-Nās	6

List-148

There are 32 surahs in List-148

The surahs of which their number of ayats is non-deficient number and which have an odd sequence number

<i>No.</i>	<i>Surah</i>	<i>Ayat</i>	<i>No.</i>	<i>Surah</i>	<i>Ayat</i>
3	Āl 'Imrān	200	65	Al-Ṭalāq	12
5	Al-Māidah	120	67	Al-Mulk	30
21	Al-Anbiyā	112	71	Nūḥ	28

41	Fuṣṣilat	54	73	Al-Muzzammil	20
49	Al-Ḥujurāt	18	75	Al-Qiyāmah	40
51	Al-Dhāriyāt	60	83	Al-Muṭaffifīn	36
55	Al-Raḥmān	78	89	Al-Fajr	30
59	Al-Ḥaṣhr	24	109	Al-Kāfirūn	6

List-149

There are **16** surahs in List-149

The surahs of which their number of ayats is non-deficient number and which have an even sequence number

<i>No.</i>	<i>Surah</i>	<i>Ayat</i>
4	Al-Nisā	176
22	Al-Ḥajj	78
28	Al-Qaṣaṣ	88
30	Al-Rūm	60
32	Al-Sajdah	30
34	Saba	54
38	Ṣād	88
56	Al-Wāqī'ah	96

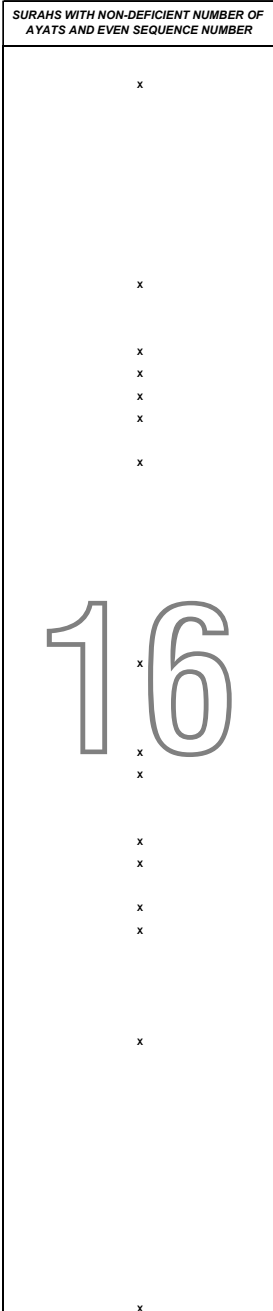
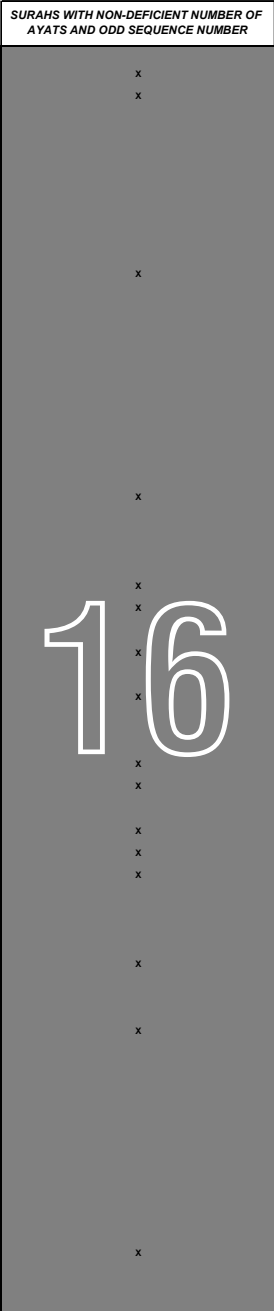
<i>No.</i>	<i>Surah</i>	<i>Ayat</i>
64	Al-Taghābun	18
66	Al-Taḥrīm	12
72	Al-Jinn	28
74	Al-Muddaththir	56
78	Al-Naba'	40
80	'Abasa	42
90	Al-Balad	20
114	Al-Nās	6

List-150


There are **16** surahs in List-150


Let's see the results which outcome collectively:

NO.	SURAH	Ayat	SURAHS WITH NON-DEFICIENT NUMBER OF AYATS AND ODD SEQUENCE NUMBER		SURAHS WITH NON-DEFICIENT NUMBER OF AYATS AND EVEN SEQUENCE NUMBER	
1	Al-Fatiha	7				
2	Al-Baqarah	286				
3	Al-Imran	200				
4	Al-Nisa	176				
5	Al-Maidah	120				
6	Al-An'am	165				
7	Al-A'raf	206				
8	Al-Anfal	75				
9	Al-Tawbah	129				
10	Yonus	109				
11	Hud	123				
12	Yusuf	111				
13	Al-Ra'd	43				
14	Ibrahim	52				
15	Al-Hijr	99				
16	Al-Nahl	128				
17	Al-Isra	111				
18	Al-Kahf	110				
19	Maryam	98				
20	Taha	135				
21	Al-Anbiya	112				
22	Al-Hajj	76				
23	Al-Mu'minun	118				
24	Al-Nur	64				
25	Al-Furqan	77				
26	Al-Shu'ara	227				
27	Al-Naml	93				
28	Al-Qasas	88				
29	Al-Ankabut	69				
30	Al-Rum	60				
31	Lugman	34				
32	Al-Sajdah	30				
33	Al-Ahzab	73				
34	Saba	54				
35	Fatir	45				
36	Yaasin	83				
37	Al-Saffat	182				
38	Sad	86				
39	Al-Zumar	75				
40	Al-Mumin	85				
41	Fussilat	54				
42	Al-Shura	63				
43	Al-Zukhruf	89				
44	Al-Dukhan	59				
45	Al-Jathiyah	37				
46	Al-Ahqaf	35				
47	Muhammad	38				
48	Al-Fath	29				
49	Al-Hujurat	18				
50	Qaf	45				
51	Al-Dhariyat	60				
52	Al-Tur	49				
53	Al-Najm	62				
54	Al-Qamar	55				
55	Al-Rahman	78				
56	Al-Waqi'ah	96				
57	Al-Hadid	29				
58	Al-Mujadilah	22				
59	Al-Hashr	24				
60	Al-Mumtahinah	13				
61	Al-Saff	14				
62	Al-Jumu'ah	11				
63	Al-Munafiqun	11				
64	Al-Taghabin	18				
65	Al-Talaaq	12				
66	Al-Tahrim	12				
67	Al-Mulk	30				
68	Al-Qalam	52				
69	Al-Haqqah	52				
70	Al-Ma'arij	44				
71	Nuh	28				
72	Al-Jinn	28				
73	Al-Muzzammil	20				
74	Al-Muddaththir	56				
75	Al-Qiyamah	40				
76	Al-Insan	31				
77	Al-Mursalat	50				
78	Al-Naba	40				
79	Al-Nazi'at	46				
80	Abasa	42				
81	Al-Takwir	29				
82	Al-Infitar	19				
83	Al-Mutaffifin	36				
84	Al-Insiquq	26				
85	Al-Buruj	22				
86	Al-Tariq	17				
87	Al-A'ra	19				
88	Al-Ghashiyah	26				
89	Al-Fajr	30				
90	Al-Balad	20				
91	Al-Shams	15				
92	Al-Layl	21				
93	Al-Duha	11				
94	Al-Insirah	8				
95	Al-Tin	8				
96	Al-Alaq	19				
97	Al-Qadr	5				
98	Al-Bayyinah	8				
99	Al-Zilzal	8				
100	Al-Adiyat	11				
101	Al-Qari'ah	11				
102	Al-Takathur	8				
103	Al-Asr	3				
104	Al-Humaza	9				
105	Affil	5				
106	Quraysh	4				
107	Al-Ma'un	7				
108	Al-Kawthar	3				
109	Al-Kafirun	6				
110	Al-Nasr	3				
111	Tabbat	5				
112	Al-Ikhlâs	4				
113	Al-Falaq	5				
114	Al-Nas	6				



In the figure, equal distribution of the surahs with non-deficient number of ayats is shown.

 Now let us divide the numbers in the index of Qur’ān as homogeneous and non-homogeneous with respect to “being deficient”.


 Example for the surahs with homogeneous sequence numbers and number of ayats:

2 Al-Baqarah 286

The sequence number and also the number of ayats of the surah of al-Baqarah are deficient numbers. Consequently, surah of al-Baqarah is a homogeneous surah in this sense.

28 Al-Qaṣaṣ 88

Surah al-Qaṣaṣ is a homogeneous surah. Forewhy neither the sequence number, nor the number of ayats are deficient numbers. Therefore, al-Qaṣaṣ surah is homogeneous in this respect.

 Example for the surahs of which their sequence numbers and number of ayats are not homogeneous:

3 Āl ‘Imrān 200

The sequence number of surah Āl ‘Imrān is a deficient number; however, the number of ayats is not. Therefore, surah Āl ‘Imrān is considered as non-homogeneous.

6 Al-En‘ām 165

The number of ayats of surah al-En‘ām is a deficient number; however, the sequence number is not. Therefore, surah al-En‘ām is considered as non-homogeneous.

The set of homogeneous surahs with respect to being deficient in the sequence number and the number of ayats

<i>No.</i>	<i>Surah</i>	<i>Ayat</i>
1	Al-Fātiḥa	7
2	Al-Baqarah	286
7	Al-A'rāf	206
8	Al-Anfāl	75
9	Al-Tawbah	129
10	Yūnus	109
11	Hūd	123
13	Al-Ra'd	43
14	Ibrāhīm	52
15	Al-Ḥijr	99
16	Al-Naḥl	128
17	Al-'Isrā	111
19	Maryam	98
23	Al-Mu'minūn	118
25	Al-Furqān	77
26	Al-Shu'arā	227
27	Al-Naml	93
28	Al-Qaşaş	88
29	Al-'Ankabūt	69
30	Al-Rūm	60
31	Luqmān	34
33	Al-Aḥzāb	73
35	Fāṭir	45
37	Al-Şaffāt	182
39	Al-Zumar	75
43	Al-Zukhruf	89
44	Al-Dukhān	59
45	Al-Jāthiyah	37
46	Al-Aḥqāf	35
47	Muḥammad	38
50	Qāf	45
52	Al-Ṭūr	49
53	Al-Najm	62
56	Al-Wāqı'ah	96
57	Al-Ḥadid	29

<i>No.</i>	<i>Surah</i>	<i>Ayat</i>
61	Al-Şaff	14
62	Al-Jumu'ah	11
63	Al-Munāfiqūn	11
66	Al-Taḥrīm	12
68	Al-Qalam	52
69	Al-Ḥāqqah	52
72	Al-Jinn	28
76	Al-Insān	31
77	Al-Mursalāt	50
78	Al-Naba'	40
79	Al-Nāzi'āt	46
80	'Abasa	42
81	Al-Takwīr	29
82	Al-Infīṭār	19
85	Al-Burūj	22
86	Al-Ṭāriq	17
87	Al-A'lā	19
90	Al-Balad	20
91	Al-Shams	15
92	Al-Layl	21
93	Al-Ḍuḥā	11
94	Al-Inshirāḥ	8
95	Al-Tin	8
97	Al-Qadr	5
98	Al-Bayyinah	8
99	Al-Zilzāl	8
101	Al-Qāri'ah	11
103	Al-'Asr	3
105	Al-Fil	5
106	Quraysh	4
107	Al-Mā'ūn	7
110	Al-Naşr	3
111	Tabbat	5
113	Al-Falaq	5
114	Al-Nās	6

58 Al-Mujādalah 22

List-151

If we count the members of the List-151, we find that the total members of this set are 71.

71 is a prime number!

The set of non-homogeneous surahs with respect to being deficient in the sequence number and the number of ayats

<i>No.</i>	<i>Surah</i>	<i>Ayat</i>
3	Āl ‘Imrān	200
4	Al-Nisā	176
5	Al-Māidah	120
6	Al-En‘ām	165
12	Yūsuf	111
18	Al-Kahf	110
20	Tāhā	135
21	Al-Anbiyā	112
22	Al-Ḥajj	78
24	Al-Nūr	64
32	Al-Sajdah	30
34	Saba	54
36	Yāsīn	83
38	Şād	88
40	Al-Mu‘min	85
41	Fuṣṣilat	54
42	Al-Shūrā	53
48	Al-Fath	29
49	Al-Ḥujurāt	18
51	Al-Dhāriyāt	60
54	Al-Qamar	55
55	Al-Raḥmān	78

<i>No.</i>	<i>Surah</i>	<i>Ayat</i>
59	Al-Ḥashr	24
60	Al-Mumtaḥinah	13
64	Al-Taghābun	18
65	Al-Ṭalāq	12
67	Al-Mulk	30
70	Al-Ma‘ārij	44
71	Nūḥ	28
73	Al-Muzzammil	20
74	Al-Muddaththir	56
75	Al-Qiyāmah	40
83	Al-Muṭaffifin	36
84	Al-Inshiqāq	25
88	Al-Ghāshiyah	26
89	Al-Fajr	30
96	Al-‘Alaq	19
100	Al-‘Ādiyāt	11
102	Al-Takāthur	8
104	Al-Humaza	9
108	Al-Kawthar	3
109	Al-Kāfirūn	6
112	Al-Ikhlāş	4

List-152

www.symmetricbook.com

If we count the members of the List-152, we find that the total members of this set are **43**.

43 is a prime number!

Let's see the results which outcome collectively:



NO.	SURAH	Ayat	HOMOGENOUS	NON-HOMOGENOUS
1	Al-Fatihah	7	X	
2	Al-Baqarah	286	X	
3	Al-Imran	200	X	
4	Al-Nisa	176	X	X
5	Al-Maidah	120	X	X
6	Al-En'am	165	X	X
7	Al-Araf	206	X	
8	Al-Anfal	75	X	
9	Al-Tawbah	129	X	
10	Yunus	109	X	
11	Hud	123	X	
12	Yusuf	111	X	
13	Al-Ra'd	43	X	X
14	Ibrahim	52	X	
15	Al-Hijr	99	X	
16	Al-Nahl	128	X	
17	Al-Isra	111	X	
18	Al-Kahf	110	X	X
19	Maryam	98	X	
20	Taha	135	X	X
21	Al-Anbiya	112	X	X
22	Al-Hajj	78	X	X
23	Al-Mu'minun	118	X	X
24	Al-Nur	64	X	X
25	Al-Furqan	77	X	X
26	Al-Shu'ara	227	X	X
27	Al-Naml	93	X	X
28	Al-Qasas	88	X	X
29	Al-Ankabut	65	X	X
30	Al-Rum	60	X	X
31	Luqman	34	X	X
32	Al-Sajdah	30	X	X
33	Al-Azab	73	X	X
34	Saba	54	X	X
35	Fatir	45	X	X
36	Yasin	83	X	X
37	Al-Saffat	182	X	X
38	Sad	88	X	X
39	Al-Zumar	75	X	X
40	Al-Mumin	85	X	X
41	Fussilat	54	X	X
42	Al-Shura	53	X	X
43	Al-Zukhruf	89	X	X
44	Al-Dukhan	59	X	X
45	Al-Jathiyah	37	X	X
46	Al-Ahqaf	35	X	X
47	Muhammad	38	X	X
48	Al-Fath	29	X	X
49	Al-Hujurat	18	X	X
50	Qaf	45	X	X
51	Al-Dhariyat	60	X	X
52	Al-Tur	49	X	X
53	Al-Najm	62	X	X
54	Al-Qamar	55	X	X
55	Al-Rahman	78	X	X
56	Al-Waqiah	96	X	X
57	Al-Hadid	29	X	X
58	Al-Mujadilah	22	X	X
59	Al-Hashr	24	X	X
60	Al-Mumtahinah	13	X	X
61	Al-Saff	14	X	X
62	Al-Jumu'ah	11	X	X
63	Al-Munafiqun	11	X	X
64	Al-Taghabin	19	X	X
65	Al-Talaa	12	X	X
66	Al-Tahrim	12	X	X
67	Al-Mulk	30	X	X
68	Al-Qalam	52	X	X
69	Al-Haqqah	52	X	X
70	Al-Ma'arij	44	X	X
71	Nuh	28	X	X
72	Al-Jinn	28	X	X
73	Al-Muzzammil	20	X	X
74	Al-Muddaththir	56	X	X
75	Al-Qiyamah	40	X	X
76	Al-Insan	31	X	X
77	Al-Mursalat	50	X	X
78	Al-Naba'	40	X	X
79	Al-Nazi'at	46	X	X
80	'Abasa	42	X	X
81	Al-Takwir	28	X	X
82	Al-Infitar	19	X	X
83	Al-Mutaffifin	36	X	X
84	Al-Inshiqaaq	25	X	X
85	Al-Buruj	22	X	X
86	Al-Tariq	17	X	X
87	Al-A'la	19	X	X
88	Al-Ghashiyah	26	X	X
89	Al-Fajr	30	X	X
90	Al-Balad	20	X	X
91	Al-Shams	15	X	X
92	Al-Layl	23	X	X
93	Al-Duha	11	X	X
94	Al-Inshirah	8	X	X
95	Al-Tin	8	X	X
96	Al-Ala	19	X	X
97	Al-Qadr	5	X	X
98	Al-Bayyinah	8	X	X
99	Al-Zilzal	8	X	X
100	Al-Adiyah	11	X	X
101	Al-Qariyah	11	X	X
102	Al-Takathur	8	X	X
103	Al-Asr	3	X	X
104	Al-Humaza	9	X	X
105	Al-Fil	5	X	X
106	Quraysh	4	X	X
107	Al-Ma'on	7	X	X
108	Al-Kawthar	3	X	X
109	Al-Kafirun	6	X	X
110	Al-Nasr	3	X	X
111	Tabbat	5	X	X
112	Al-Ikhlās	4	X	X
113	Al-Falaq	5	X	X
114	Al-Nās	6	X	X

71 43

In the figure, (prime-prime) distribution of the homogenous and non-homogenous surahs is shown.

NO.	SURAH	Ayat	HOMOGENOUS	NON-HOMOGENOUS
1	Al-Fatihah	7	x	
2	Al-Baqarah	286	x	
3	Al-Imran	200		x
4	Al-Nisa	176		x
5	Al-Maidah	120		x
6	Al-En'am	165		x
7	Al-Araf	206	x	
8	Al-Anfal	75	x	
9	Al-Tawbah	129	x	
10	Yunus	109	x	
11	Hud	123	x	
12	Yusuf	111		
13	Al-Ra'd	43		x
14	Ibrahim	52		
15	Al-Hijr	99	x	
16	Al-Nahl	128	x	
17	Al-Isra	111	x	
18	Al-Kahf	110		x
19	Maryam	98	x	
20	Taha	135		
21	Al-Anbiya	112		x
22	Al-Hajj	78		x
23	Al-Mu'minun	118	x	
24	Al-Nur	64		x
25	Al-Furqan	77	x	
26	Al-Shu'ara	227	x	
27	Al-Naml	93	x	
28	Al-Qasas	88	x	
29	Al-Ankabut	65	x	
30	Al-Rum	60	x	
31	Luqman	34	x	
32	Al-Sajdah	30		x
33	Al-Azab	73	x	
34	Saba	54		x
35	Fatir	45	x	
36	Yasin	83		x
37	Al-Saffat	182	x	
38	Sad	88		x
39	Al-Zumar	75		x
40	Al-Muramin	85		x
41	Fussilat	54		x
42	Al-Shura	53		x
43	Al-Zukhruf	89	x	
44	Al-Dukhan	59	x	
45	Al-Jathiyah	37	x	
46	Al-Ahqaf	35	x	
47	Muhammad	38		x
48	Al-Fath	29		x
49	Al-Hujurat	18		x
50	Qaf	45	x	
51	Al-Dhariyat	60		x
52	Al-Tur	49	x	
53	Al-Najm	62		x
54	Al-Qamar	55		x
55	Al-Rahman	78		x
56	Al-Waqiah	96	x	
57	Al-Asid	25		x
58	Al-Mujadilah	22	x	
59	Al-Hashr	24		x
60	Al-Mumtahinah	13		x
61	Al-Saff	14		x
62	Al-Jumu'ah	11	x	
63	Al-Munafiqun	11	x	
64	Al-Taghabin	18		x
65	Al-Talaa	12		x
66	Al-Tahrim	12	x	
67	Al-Mulk	30		x
68	Al-Qalam	52	x	
69	Al-Haqqah	52	x	
70	Al-Ma'arij	44		x
71	Nuh	28		x
72	Al-Jinn	28		x
73	Al-Muzzammil	20		x
74	Al-Muddaththir	56		x
75	Al-Qiyamah	40		x
76	Al-Insan	31	x	
77	Al-Mursalat	50	x	
78	Al-Naba	40	x	
79	Al-Nazi'at	46	x	
80	'Abasa	42	x	
81	Al-Takwir	28	x	
82	Al-Infitar	19	x	
83	Al-Mutaffifin	36		x
84	Al-Inshiqaaq	25		x
85	Al-Buruj	22	x	
86	Al-Tariq	17	x	
87	Al-A'la	19	x	
88	Al-Ghashiyah	26		x
89	Al-Fajr	30		x
90	Al-Balad	20	x	
91	Al-Shams	15	x	
92	Al-Layl	23	x	
93	Al-Duha	11	x	
94	Al-Inshirah	8	x	
95	Al-Tin	8	x	
96	Al-Ala	19	x	
97	Al-Qadr	5	x	
98	Al-Bayyinah	8	x	
99	Al-Zilzal	8	x	
100	Al-Adiyah	11		x
101	Al-Qariyah	11		x
102	Al-Takathur	8	x	
103	Al-Asr	3	x	
104	Al-Humaza	9		x
105	Affil	5	x	
106	Quraysh	4	x	
107	Al-Ma'on	7	x	
108	Al-Kawthar	3		x
109	Al-Kafirun	6		x
110	Al-Nasr	3	x	
111	Tabbat	5	x	
112	Al-Ikhlās	4		x
113	Al-Falaq	5	x	
114	Al-Nās	6	x	

Prime

Prime

Axis of Symmetry

In the figure, (prime-prime) distribution of the homogenous and non-homogenous surahs is shown.

NO.	SURAH	Ayat	HOMOGENOUS SURAHs WITH RESPECT TO BEING	
			ABUNDANT NUMBER	DEFICIENT NUMBER
1	Al-Fatihah	7	X	
2	Al-Baqarah	286	X	
3	Al-Imran	200	X	
4	Al-Nisa	176	X	
5	Al-Maidah	120	X	
6	Al-An'am	165	X	
7	Al-Araf	206	X	X
8	Al-Anfal	75	X	X
9	Al-Tawbah	129	X	X
10	Yunus	109	X	X
11	Hud	123	X	X
12	Yusuf	111	X	X
13	Al-Ra'd	43	X	X
14	Ibrahim	52	X	X
15	Al-Hijr	99	X	X
16	Al-Nahl	128	X	X
17	Al-Isra	111	X	X
18	Al-Kahf	110	X	X
19	Maryam	98	X	X
20	Taha	135	X	X
21	Al-Anbiya	112	X	X
22	Al-Hajj	78	X	X
23	Al-Mu'minun	118	X	X
24	Al-Nur	64	X	X
25	Al-Furqan	77	X	X
26	Al-Shu'ara	227	X	X
27	Al-Naml	93	X	X
28	Al-Qasas	88	X	X
29	Al-Ankabut	65	X	X
30	Al-Rum	60	X	X
31	Luqman	34	X	X
32	Al-Sajdah	30	X	X
33	Al-Azab	73	X	X
34	Saba	54	X	X
35	Fatir	45	X	X
36	Yasin	83	X	X
37	Al-Saffat	182	X	X
38	Sad	88	X	X
39	Al-Zumar	75	X	X
40	Al-Mumin	89	X	X
41	Fussilat	54	X	X
42	Al-Shura	53	X	X
43	Al-Zukhruf	89	X	X
44	Al-Dukhan	59	X	X
45	Al-Jathiyah	37	X	X
46	Al-Ahqaf	35	X	X
47	Muhammad	38	X	X
48	Al-Fath	29	X	X
49	Al-Hujurat	18	X	X
50	Qaf	45	X	X
51	Al-Dhariyat	60	X	X
52	Al-Tur	49	X	X
53	Al-Najm	62	X	X
54	Al-Qamar	55	X	X
55	Al-Rahman	78	X	X
56	Al-Waqiah	96	X	X
57	Al-Hashid	22	X	X
58	Al-Mujadilah	22	X	X
59	Al-Hashr	24	X	X
60	Al-Mumtahinah	13	X	X
61	Al-Saff	14	X	X
62	Al-Jumu'ah	11	X	X
63	Al-Munafiqun	11	X	X
64	Al-Taghobun	13	X	X
65	Al-Talaa	12	X	X
66	Al-Tahrim	12	X	X
67	Al-Mulk	30	X	X
68	Al-Qalam	52	X	X
69	Al-Haqqah	52	X	X
70	Al-Ma'arij	44	X	X
71	Nuh	28	X	X
72	Al-Jinn	28	X	X
73	Al-Muzzammil	20	X	X
74	Al-Muddaththir	56	X	X
75	Al-Qiyamah	40	X	X
76	Al-Insan	31	X	X
77	Al-Mursalat	50	X	X
78	Al-Naba	40	X	X
79	Al-Nazi'at	46	X	X
80	'Abasa	42	X	X
81	Al-Takwir	28	X	X
82	Al-Infitar	19	X	X
83	Al-Mutaffifin	36	X	X
84	Al-Inshiqaaq	25	X	X
85	Al-Buruj	22	X	X
86	Al-Tariq	17	X	X
87	Al-A'la	19	X	X
88	Al-Ghashiyah	26	X	X
89	Al-Fajr	30	X	X
90	Al-Balad	20	X	X
91	Al-Shams	15	X	X
92	Al-Layl	21	X	X
93	Al-Duha	11	X	X
94	Al-Inshirah	8	X	X
95	Al-Tin	8	X	X
96	Al-Ala	19	X	X
97	Al-Qadr	5	X	X
98	Al-Bayyinah	8	X	X
99	Al-Zilzal	8	X	X
100	Al-Adiyah	11	X	X
101	Al-Qariyah	11	X	X
102	Al-Takathur	8	X	X
103	Al-Asr	3	X	X
104	Al-Humaza	9	X	X
105	Affil	5	X	X
106	Quraysh	4	X	X
107	Al-Ma'on	7	X	X
108	Al-Kawthar	3	X	X
109	Al-Kafirun	6	X	X
110	Al-Nasr	3	X	X
111	Tabbat	5	X	X
112	Al-Ikhlās	4	X	X
113	Al-Falaq	5	X	X
114	Al-Nās	6	X	X

71

71

axis of symmetry

In the figure, equal distribution of the homogenous surahs with respect to being abundant and the homogenous surahs with respect to being deficient is shown.

NO.	SURAH	Ayat	HOMOGENOUS SURAHS WITH RESPECT TO BEING	
			ABUNDANT NUMBER	DEFICIENT NUMBER
1	Al-Fatihah	7	X	X
2	Al-Baqarah	286	X	X
3	Al-Imran	200	X	X
4	Al-Nisa	176	X	X
5	Al-Maidah	120	X	X
6	Al-En'am	165	X	X
7	Al-A'raf	206	X	X
8	Al-Anfal	75	X	X
9	Al-Tawbah	129	X	X
10	Yunus	109	X	X
11	Hud	123	X	X
12	Yusuf	111	X	X
13	Al-Ra'd	43	X	X
14	Ibrahim	52	X	X
15	Al-Hijr	99	X	X
16	Al-Nahl	128	X	X
17	Al-Isra	111	X	X
18	Al-Kahf	110	X	X
19	Maryam	98	X	X
20	Taha	135	X	X
21	Al-Anbiya	112	X	X
22	Al-Hajj	78	X	X
23	Al-Mu'minun	118	X	X
24	Al-Nur	64	X	X
25	Al-Furqan	77	X	X
26	Al-Shu'ara	227	X	X
27	Al-Naml	93	X	X
28	Al-Qasas	88	X	X
29	Al-Ankabut	65	X	X
30	Al-Rum	60	X	X
31	Luqman	34	X	X
32	Al-Sajdah	30	X	X
33	Al-Azab	73	X	X
34	Saba	54	X	X
35	Fatir	45	X	X
36	Yasin	83	X	X
37	Al-Saffat	182	X	X
38	Sad	88	X	X
39	Al-Zumar	75	X	X
40	Al-Muramin	89	X	X
41	Fussilat	54	X	X
42	Al-Shura	53	X	X
43	Al-Zukhruf	89	X	X
44	Al-Dukhan	59	X	X
45	Al-Jathiyah	37	X	X
46	Al-Ahqaf	35	X	X
47	Muhammad	38	X	X
48	Al-Fath	29	X	X
49	Al-Hujurat	18	X	X
50	Qaf	45	X	X
51	Al-Dhariyat	60	X	X
52	Al-Tur	49	X	X
53	Al-Najm	82	X	X
54	Al-Qamar	55	X	X
55	Al-Rahman	78	X	X
56	Al-Waqiah	96	X	X
57	Al-Insid	25	X	X
58	Al-Mujadilah	22	X	X
59	Al-Hashr	24	X	X
60	Al-Mumtahinah	13	X	X
61	Al-Saff	14	X	X
62	Al-Jumu'ah	11	X	X
63	Al-Munafiqun	11	X	X
64	Al-Taghabin	15	X	X
65	Al-Talac	12	X	X
66	Al-Tahrin	12	X	X
67	Al-Mulk	30	X	X
68	Al-Qalam	52	X	X
69	Al-Haqqah	52	X	X
70	Al-Ma'arij	44	X	X
71	Nuh	28	X	X
72	Al-Jinn	28	X	X
73	Al-Muzzammil	20	X	X
74	Al-Muddaththir	56	X	X
75	Al-Qiyamah	40	X	X
76	Al-Insan	31	X	X
77	Al-Mursalat	50	X	X
78	Al-Naba'	40	X	X
79	Al-Nazi'at	46	X	X
80	'Abasa	42	X	X
81	Al-Takwir	29	X	X
82	Al-Infitar	19	X	X
83	Al-Mutaffifin	36	X	X
84	Al-Inshiqaq	25	X	X
85	Al-Buruj	22	X	X
86	Al-Tariq	17	X	X
87	Al-A'la	19	X	X
88	Al-Ghashiyah	26	X	X
89	Al-Fajr	30	X	X
90	Al-Balad	20	X	X
91	Al-Shams	15	X	X
92	Al-Layl	23	X	X
93	Al-Duha	11	X	X
94	Al-Inshirah	8	X	X
95	Al-Tin	8	X	X
96	Al-Zilzal	19	X	X
97	Al-Qadr	5	X	X
98	Al-Bayyinah	8	X	X
99	Al-Zilzal	8	X	X
100	Al-A'diyat	11	X	X
101	Al-Qari'ah	11	X	X
102	Al-Takathur	8	X	X
103	Al-Asr	3	X	X
104	Al-Humaza	9	X	X
105	AhFl	5	X	X
106	Quraysh	4	X	X
107	Al-Ma'on	7	X	X
108	Al-Kawthar	3	X	X
109	Al-Kafirun	6	X	X
110	Al-Nasr	3	X	X
111	Tabbat	5	X	X
112	Al-Ikhlās	4	X	X
113	Al-Falaq	5	X	X
114	A. l. - N. B. s	6	X	X

Prime

Prime

axis of symmetry

In the figure, (prime-prime) distribution of the homogenous surahs with respect to being abundant and the homogenous surahs with respect to being deficient is shown.

NO.	SURAH	Ayat	NON-HOMOGENOUS SURAHs WITH RESPECT TO BEING ABUNDANT NUMBER	NON-HOMOGENOUS SURAHs WITH RESPECT TO BEING DEFICIENT NUMBER
1	Al-Fatihah	286		
2	Al-Baqarah	286		
3	Al-Imran	200	X	X
4	Al-Nisa	176	X	X
5	Al-Maidah	120	X	X
6	Al-An'am	165		X
7	Al-Araf	206		
8	Al-Anfal	75		
9	Al-Tawbah	129		
10	Yunus	109		
11	Hud	123		
12	Yusuf	111		
13	Al-Ra'd	43	X	X
14	Ibrahim	52		
15	Al-Hijr	99		
16	Al-Nahl	128		
17	Al-Isra	111		
18	Al-Kahf	110	X	X
19	Maryam	98		
20	Taha	135	X	X
21	Al-Anbiya	112	X	X
22	Al-Hajj	78	X	X
23	Al-Mu'minun	118		
24	Al-Nur	64	X	X
25	Al-Furqan	77		
26	Al-Shu'ara	227		
27	Al-Naml	93		
28	Al-Qasas	88	X	
29	Al-Ahkab	93		
30	Al-Rum	60		
31	Luqman	34		
32	Al-Sajdah	30	X	X
33	Al-Azab	73		
34	Saba	54	X	X
35	Fatir	45	X	X
36	Yasin	83	X	X
37	Al-Saffat	182		
38	Sad	88	X	X
39	Al-Zumar	75		
40	Al-Muramin	89	X	X
41	Fussilat	54	X	X
42	Al-Shura	53	X	X
43	Al-Zukhruf	89		
44	Al-Dukhan	59		
45	Al-Jathiyah	37		
46	Al-Ahqaf	35		
47	Muhammad	38		
48	Al-Fath	29	X	X
49	Al-Hujurat	18	X	X
50	Qaf	45		
51	Al-Dhariyat	60	X	X
52	Al-Tur	49	X	X
53	Al-Najm	62	X	X
54	Al-Qamar	55	X	X
55	Al-Rahman	78	X	X
56	Al-Waqiah	96		
57	Al-Ma'id	25		
58	Al-Mujadilah	22	X	X
59	Al-Hashr	24	X	X
60	Al-Mumtahinah	13	X	X
61	Al-Saff	14	X	X
62	Al-Jumu'ah	11		
63	Al-Munafiqun	11		
64	Al-Taghobun	13	X	X
65	Al-Talaaq	12	X	X
66	Al-Tahrim	12		
67	Al-Mulk	30	X	X
68	Al-Qalam	52		
69	Al-Haqqah	52		
70	Al-Ma'arij	44	X	X
71	Nuh	28		
72	Al-Jinn	28	X	X
73	Al-Muzzammil	20	X	X
74	Al-Muddaththir	56	X	X
75	Al-Qiyamah	40	X	X
76	Al-Insan	31		
77	Al-Mursalat	50		
78	Al-Naba'	40		
79	Al-Nazi'at	46		
80	'Abasa	42		
81	Al-Takwir	26		
82	Al-Infitar	19		
83	Al-Mutaffifin	36	X	X
84	Al-Inshiqaaq	25	X	X
85	Al-Buruj	22		
86	Al-Tariq	17		
87	Al-A'la	19		
88	Al-Ghashiyah	26	X	X
89	Al-Fajr	30	X	X
90	Al-Balad	20		
91	Al-Shams	15		
92	Al-Layl	21		
93	Al-Duha	11		
94	Al-Inshirah	8		
95	Al-Tin	8		
96	Al-Ala	19		
97	Al-Qadr	5	X	X
98	Al-Bayyinah	8		
99	Al-Zilzal	8		
100	Al-Adiyah	11	X	X
101	Al-Qariyah	11		
102	Al-Takathur	8	X	X
103	Al-Asr	3		
104	Al-Humaza	9	X	X
105	Affil	5		
106	Quraysh	4		
107	Al-Ma'oon	7		
108	Al-Kawthar	3	X	X
109	Al-Kafirun	6	X	X
110	Al-Nasr	3		
111	Tabbat	5		
112	Al-Ikhlās	4	X	X
113	Al-Falaq	5		
114	A. L. - N. B. S	6	X	X

43

43

In the figure, equal distribution of the non-homogenous surahs with respect to being abundant and the non-homogenous surahs with respect to being deficient is shown.

NO.	SURAH	Ayat	NON-HOMOGENOUS SURAHS WITH RESPECT TO BEING ABUNDANT NUMBER	NON-HOMOGENOUS SURAHS WITH RESPECT TO BEING DEFICIENT NUMBER
1	Al-Fatiha	7		
2	Al-Baqarah	286		
3	Al-Imran	200	x	x
4	Al-Nisa	176	x	x
5	Al-Maidah	120	x	x
6	Al-En'am	165		x
7	Al-A'raf	206		
8	Al-Anfal	75		
9	Al-Tawbah	129		
10	Yunus	109		
11	Hud	123		
12	Yusuf	111		
13	Al-Ra'd	43	x	x
14	Ibrahim	52		
15	Al-Hijr	99		
16	Al-Nahl	128		
17	Al-Isra	111		
18	Al-Kahf	110	x	x
19	Maryam	98		
20	Taha	135	x	x
21	Al-Anbiya	112	x	x
22	Al-Hajj	78	x	x
23	Al-Mu'minun	118		
24	Al-Nur	64	x	x
25	Al-Furqan	77		
26	Al-Shu'ara	227		
27	Al-Naml	93		
28	Al-Qasas	88	x	
29	Al-Ankabut	95		
30	Al-Rum	60		
31	Luqman	34		
32	Al-Sajdah	30	x	x
33	Al-Azab	73		
34	Saba	54	x	x
35	Fatir	45	x	x
36	Yasin	83		
37	Al-Saffat	182		
38	Sad	88	x	x
39	Al-Zumar	75		
40	Al-Muramin	89	x	x
41	Fussilat	54	x	x
42	Al-Shura	53	x	x
43	Al-Zukhruf	89		
44	Al-Dukhan	59		
45	Al-Jathiyah	37		
46	Al-Ahqaf	35		
47	Muhammad	38		
48	Al-Fath	29	x	x
49	Al-Hujurat	18		
50	Qaf	45		
51	Al-Dhariyat	60	y	y
52	Al-Tur	49		
53	Al-Najm	82		
54	Al-Qamar	55	x	x
55	Al-Rahman	78	x	x
56	Al-Waqiah	96		
57	Al-Asid	25		
58	Al-Mujadilah	22		
59	Al-Hashr	24	y	y
60	Al-Mumtahinah	13		
61	Al-Saff	14		
62	Al-Jumu'ah	11		
63	Al-Munafiqun	11		
64	Al-Taghabin	15	x	x
65	Al-Talaaq	12		
66	Al-Tahrim	12		
67	Al-Mulk	30	x	x
68	Al-Qalam	52		
69	Al-Haqqah	52		
70	Al-Ma'arij	44		
71	Nuh	28		
72	Al-Jinn	28		
73	Al-Muzzammil	20		
74	Al-Muddaththir	56	x	x
75	Al-Qiyamah	40		
76	Al-Insan	31		
77	Al-Mursalat	50		
78	Al-Naba'	40		
79	Al-Nazi'at	46		
80	'Abasa	42		
81	Al-Takwir	28		
82	Al-Infitar	19		
83	Al-Mutaffifin	36	x	x
84	Al-Inshiqaq	25	x	x
85	Al-Buruj	22		
86	Al-Tariq	17		
87	Al-A'la	19		
88	Al-Ghashiyah	26	x	x
89	Al-Fajr	30	x	x
90	Al-Balad	20		
91	Al-Shams	15		
92	Al-Layl	21		
93	Al-Duha	11		
94	Al-Inshirah	8		
95	Al-Tin	8		
96	Al-Ala	19		
97	Al-Qadr	5	x	x
98	Al-Bayyinah	8		
99	Al-Zilzal	8		
100	Al-Adiyah	11	x	x
101	Al-Qariyah	11		
102	Al-Takathur	8	x	x
103	Al-Asr	3		
104	Al-Humaza	9	x	x
105	Al-Fil	5		
106	Quraysh	4		
107	Al-Ma'on	7		
108	Al-Kawthar	3	x	x
109	Al-Kafirun	6		
110	Al-Nasr	3		
111	Tabbat	5		
112	Al-Ikhlâs	4	x	x
113	Al-Falaq	5		
114	A.L.N.B.S	6	x	x

Prime

Prime

In the figure, (prime-prime) distribution of the non-homogenous surahs with respect to being abundant and the non-homogenous surahs with respect to being deficient is shown.

Evaluation

Some may suppose that equal number of such distribution is a mathematical necessity by regarding the deficient numbers as the inversion of the abundant numbers. Whereas, the case is not like this; hence the perfect numbers which are expected to spoil this equality but do not spoil, and also which are neither deficient nor abundant, should not be neglected!



أَلَمْ يَأْتِ الَّذِينَ آمَنُوا أَنْ تَفْشَى
 قُلُوبُهُمْ لِذِكْرِ اللَّهِ وَمَا نَزَلَ مِنْ
 الْحَقِّ

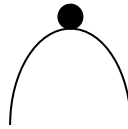
“Has not the time come for the hearts of those who believe to be affected by Allāh’s Reminder (this Qur’ān), and that which has been revealed of the truth?”

(Hadid/16)

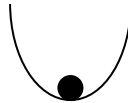
Conclusion

Surahs which are regarded as randomly sorted at the first glance expose an extraordinary order according to the investigations. A stupendous numerical construction is seemed to be hid behind the scene as dispersed as possible.

Allāh, who has demonstrated his knowledge and strength to his servants by creating the balance in the universe at the most unstable area, has done the similar in the Qur'ān.



Balance in the unstable area



Balance in the stable area

Responding the number of ayats of the surahs which are seemed to be dispersed randomly, to different numerical analysis and exposing a symmetric balance every time, consist of the appearance of the existent relation between the numbers. Although we do not know what sort of a relation is this and how it has been constructed yet¹, we can observe the results clearly.

The possibility of the establishment of this incredible harmony of various numbers of the 114 surahs, by someone during

¹ This, maybe, can not be possible at any time.

the time when Holy Qur'ān had sent down is meaningless; since such mathematical approaches are not known by anyone in the world during that time.

Only Allāh is left, who had sent down the Holy Qur'ān and had undertaken its collection² and protection³; Allāh himself must have provided such an exceptional structure for his book.

One of the proofs is the clear declaration that was given by Allāh about the numerical order which the Holy Qur'ān contains as a book:

“Allāh has sent down the best Statement as a **binary symmetric book**.”⁴

The wording of the figures is simple and clear. If this numerical construction is just a hallucination that we have seen or wish to see, it is easy to ascertain this case: If there are errors in the calculations, then they can be figured out and that is it. This is not a fact that we are afraid of, just the opposite, the main purpose of this survey is to attract the attention of the people who has mathematical knowledge to Allāh's book.

My belief is that, the ones who refer to the Holy Qur'ān to check the symmetrical overlappings that were set forth will recognize that the determinations in the Binary Symmetric Book ❶, are only the visualized part of the ice-berg.

² See. Al-Qiyāmah/17.

³ See. Al-Hijr/9.

⁴ Al-Zumar/23