PARTITIONS OF j-PARTITE NUMBERS INTO TWELVE OR A SMALLER NUMBER OF PARTS

By

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[Dedicated to Prof. P. L. Bhatnagar on his sixtieth birthday]

1. Introduction.

The tables in this paper will enable one to compute the number of partitions of all j-partite numbers into exactly twelve or a smaller number of parts both when the parts are distinct and also when they are not necessarily so.

In what follows,

small letters other than x denote positive integers unless stated otherwise;

$$N_j = (n_1, n_2, \ldots, n_j)$$

is a j-partite number;

a partition of N_j is a way of expressing N_j as a sum of one or more j-partite numbers, the order in which the summands occur being irrelevant.

$q(N_j, k)$ denotes the number of partitions of N_j into exactly k distinct parts;

$p(N_j, k)$ denotes the number of partitions when the parts can be repeated;

$$Q(N_j, k) = k!\, q(N_j, k), \quad P(N_j, k) = k!\, p(N_j, k);$$

and

$$H = a_1^{h_1} a_2^{h_2} \ldots a_m^{h_m}, \quad a_1 < a_2 < \ldots < a_m;$$

is a partition of k in which

h_t parts are each equal to a_t, $t = 1, 2, \ldots, m$.

$$C(H) = k! / \left(\prod_{t=1}^{m} h_t!\, a_t^{h_t} \right)$$

and

$$X(H) = \prod_{t=1}^{m} (1 - x^{a_t})^{-h_t}, \quad |x| < 1.$$

We denote by $X(H, n)$ the coefficient of x^n in the expansion of $X(H)$ as a formal power series in ascending powers of x. If

$$h_1 + h_2 + \ldots + h_m = w,$$

then the partition H of k is said to be of weight w. The functions $X(H)$ are of basic importance in partition theory.

2. Partition formulas.

E.M. Wright in 1956 and the writer in 1961, the former using generating functions and the latter employing purely simple combinatorial

arguments, proved that

$$(-1)^k Q(N_j, k) = \sum (-1)^{w(H)} C(H) \cdot \prod_{t=1}^{j} X(H, n_t-k)$$

and

$$P(N_j, k) = \sum C(H) \prod_{t=1}^{j} X(H, n_t-k)$$

where H runs through all the partitions of k in each case. Our tables give values of $C(H)$ and the partial fractions for $X(H)$, $k \leqslant 12$.

3. Description and use of tables.

The entry in the column headed 'Col' in table 1, refers to the number of the column in table 2 which gives the values of $X(H, n)$ for values of $n \leqslant 49$. The column headed '$dX(H)$' gives the partial fractions of $dX(H)$ in a form suitable for expansion. Here, we write

$$b_0+b_1+b_2+\ldots+b_r$$

where the b's are any integers, not necessarily positive, to denote the polynomial

$$b_0+b_1x+b_2x^2+\ldots+b_rx^r.$$

Similarly

$$(F_1, F_2, \ldots, F_r)_a$$

where the F's are certain polynomials in x, stands for

$$F_1(1-x^a)^{-1}+F_2(1-x^a)^{-2}+\ldots+F_r(1-x^a)^{-r}.$$

Take for example, the partition $1^1 2^2 4^1$ of 9, listed at number 83 in table 1. Then what the table gives is that for

$$H=1^1 2^2 4^1$$

we have

$$C(H)=11340$$

and $\quad 32X(H)=7(1-x)^{-2}+5(1-x)^{-3}+2(1-x)^{-4}+7(1-x^2)^{-1}$
$$+(3-5x)(1-x^2)^{-2}+(4-4x)(1-x^2)^{-3}$$
$$+(4+4x)(1-x^4)^{-1}.$$

Our notation makes the expressions very compact. Note that each term on the right, can be readily expanded in ascending powers of x.
Thus, we have

$$32X(H, 14)=7.15+5.120+2.680+7.1+3.8+4.36+0$$
$$=2240;$$

so that

$$X(H, 14)=70.$$

This is in agreement with the appropriate entry in column 83 of table 2.

Table 2 comes handy when no element of N_j exceeds $49+k$.

As an illustration, we compute the numbers of partitions of the bipartite number $N_2=(50, 40)$ into five parts when the parts are distinct and also when they are not necessarily so.

From the formulas of section 2, we have

$$Q(N_2, 5)=1.211876.82251-10.8924.4389+20.376.234$$
$$+15.276.171-30.12.9-20.8.6+24.1.1$$
$$=17037801960;$$

$$P(N_2, 5)=1.211876.82251+10.8924.4389+20.376.234$$
$$+15.276.171+30.12.9+20.8.6+24.1.1$$
$$=17821159080.$$

Hence

$$q\,(N_2,\,5)=141981683, \qquad p\,(N_2,\,5)=148509659.$$

The last result is in agreement with that given in M. S. Cheema's unpublished table of partitions of bipartite numbers.

4. Some remarks.

It is not claimed that the partial fractions given in table 1, are the best possible. In general $X\,(H)$ can be broken up into partial fractions of the type considered here, in more ways than one. This I consider to be an advantage rather than a drawback. What one would aim at is to get a partial fraction with the least number of non-zero coefficients in the expression. This might need a lot of ingenuity.

Thus, for $H=1^1\,2^5$, we have

$$256\,X\,(H)=(0,35,35,30,20,8)_1+(35,\ 5-35,\ 8-40,\ 16-48,\ 64-64)_2;$$

also

$$32\,X\,(H)=(0,0,0,0,0,1)_1+(0,0,1,\,-18-6,\ 48+32)_2.$$

The latter is decidedly the better of the two and probably the best.

For table 2, my thanks are due to Mr. Anand S. Aggarwal who working on the computer at the University of Alberta, Edmonton, made the calculations for me.

For ease of reference, the column numbers in table 2 are indicated not only at the head of each column but also at the bottom of each page.

For proofs of the two formulas given in section 2 and for other information reference may be made to the following papers:

1. E.M. WRIGHT: Proceedings of the American Mathematical Society, 7, 880–890 (1956).

2. H. GUPTA: Proceedings of the National Institute of Sciences of India, 27, 579–587 (1961).

3. H. GUPTA: Proceedings of the Edinburgh Mathematical Society, 17, 337–339 (1971).

4. H. GUPTA: Research Bulletin of the Panjab University, 22, 23–25 (1971).

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TABLE 1

Col	H	C(H)	dX(H)	d
			$k=1$	
1	1^1	1	$(1)_1$	1
			$k=2$	
2	1^2	1	$(0,\,1)_1$	1
3	2^1	1	$(1)_2$	1
			$k=3$	
4	1^3	1	$(0,\,0,\,1)_1$	1
5	1^12^1	3	$(0,\,1)_1+(1)_2$	2
6	3^1	2	$(1)_3$	1
			$k=4$	
7	1^4	1	$(0,\,0,\,0,\,1)_1$	1
8	1^22^1	6	$(0,\,1,\,2)_1+(1)_2$	4
9	1^13^1	8	$(0,\,1)_1+(2+1)_3$	3
10	2^2	3	$(0,\,1)_2$	1
11	4^1	6	$(1)_4$	1
			$k=5$	
12	1^5	1	$(0,\,0,\,0,\,0,\,1)_1$	1
13	1^32^1	10	$(0,\,1,\,2,\,4)_1+(1)_2$	8
14	1^23^1	20	$(0,\,1,\,1)_1+(1+1)_3$	
15	1^12^2	15	$(0,\,1,\,1)_1+(1,\,1-1)_2$	
16	1^14^1	30	$(0,\,1)_1+(3+2+1)_4$	6
17	2^13^1	20	$(0,\,1)_1+(3)_2+(2-2)_3$	
18	5^1	24	$(1)_5$	1
			$k=6$	
19	1^6	1	$(0,\,0,\,0,\,0,\,0,\,1)_1$	1
20	1^42^1	15	$(0,\,1,\,2,\,4,\,8)_1+(1)_2$	16
21	1^33^1	40	$(0,\,2,\,3,\,3)_1+(1+2)_3$	9
22	1^22^2	45	$(0,\,1,\,2,\,2)_1+(1,2)_2$	8
23	1^24^1	90	$(0,\,3,\,2)_1+(3+4+3)_4$	8
24	$1^12^13^1$	120	$(0,\,3,\,2)_1+(3)_2+(4)_3$	12
25	1^15^1	144	$(0,\,1)_1+(4+3+2+1)_5$	5
26	2^3	15	$(0,\,0,\,1)_2$	1
27	2^14^1	90	$(0,\,1)_2+(1)_4$	2
28	3^2	40	$(0,\,1)_3$	1
29	6^1	120	$(1)_6$	1
			$k=7$	
30	1^7	1	$(0,\,0,\,0,\,0,\,0,\,0,\,1)_1$	1
31	1^52^1	21	$(0,\,1,\,2,\,4,\,8,\,16)_1+(1)_2$	32
32	1^43^1	70	$(0,\,1,\,2,\,3,\,3)_1+(0+1)_3$	9
33	1^32^2	105	$(0,\,2,\,3,\,4,\,4)_1+(2,\,1-1)_2$	16
34	1^34^1	210	$(0,\,5,\,6,\,4)_1+(1+4+5)_4$	16
35	$1^22^13^1$	420	$(0,\,17,\,18,\,12)_1+(9)_2+8\ (2+1)_3$	72
36	1^25^1	504	$(0,\,2,\,1)_1+(2+3+3+2)_5$	5
37	1^12^3	105	$(0,\,0,\,0,\,1)_1+(0,\,-1,\,8+4)_2$	8
38	$1^12^14^1$	630	$(0,\,2,\,1)_1+(2,\,1-1)_2+(2+2)_4$	8
39	1^13^2	280	$(0,\,0,\,1)_1+(-1,\,9+6+3)_3$	9

Col	H	C(H)	dX(H)	d
40	$1^1 6^1$	840	$(0, 1)_1 + (5+4+3+2+1)_6$	6
41	$2^2 3^1$	210	$(0, 2, 1)_1 + (6, 3-3)_2 - (0+4)_3$	12
42	$2^1 5^1$	504	$(0, 1)_1 + (5)_2 + (4-2+2-4)_5$	10
43	$3^1 4^1$	420	$(0, 1)_1 + (8+4)_3 + (3-6-3)_4$	12
44	7^1	720	$(1)_7$	1

$$k = 8$$

Col	H	C(H)	dX(H)	d
45	1^8	1	$(0, 0, 0, 0, 0, 0, 0, 1)_1$	1
46	$1^6 2^1$	28	$(0, 1, 2, 4, 8, 16, 32)_1 + (1)_2$	64
47	$1^5 3^1$	112	$(0, 1, 3, 6, 9, 9)_1 - (1-1)_3$	27
48	$1^4 2^2$	210	$(0, 1, 2, 3, 4, 4)_1 + (1, 1)_2$	16
49	$1^4 4^1$	420	$(0, 5, 10, 12, 8)_1 - (3+0-5)_4$	32
50	$1^3 2^1 3^1$	1120	$(0, 25, 34, 36, 24)_1 + (9)_2 + 16(1+1)_3$	144
51	$1^3 5^1$	1344	$(0, 2, 2, 1)_1 + (0+1+2+2)_5$	5
52	$1^2 2^3$	420	$(0, 3, 6, 6, 4)_1 + (3, 6, 4-4)_2$	32
53	$1^2 2^1 4^1$	2520	$(0, 2, 2, 1)_1 + (2, 1)_2 + (0+2)_4$	8
54	$1^2 3^2$	1120	$(0, 7, 6, 3)_1 + (8+7, 3+3-6)_3$	27
55	$1^2 6^1$	3360	$(0, 5, 2)_1 + (5+8+9+8+5)_6$	12
56	$1^1 2^2 3^1$	1680	$(0, 29, 24, 12)_1 + 9(5, 2-2)_2 + 16(1-1)_3$	144
57	$1^1 2^1 5^1$	4032	$(0, 5, 2)_1 + (5)_2 + (8+4+8)_5$	20
58	$1^1 3^1 4^1$	3360	$(0, 5, 2)_1 + (8+8)_3 + (9+0-3)_4$	24
59	$1^1 7^1$	5760	$(0, 1)_1 + (6+5+4+3+2+1)_7$	7
60	2^4	105	$(0, 0, 0, 1)_2$	1
61	$2^2 4^1$	1260	$(0, 1, 2)_2 + (1)_4$	4
62	$2^1 3^2$	1120	$(0, 5, 2)_1 + (9)_2 + 4(2-1, 3-3)_3$	36
63	$2^1 6^1$	3360	$(0, 1)_2 + (2+0+1)_6$	3
64	$3^1 5^1$	2688	$(0, 1)_1 + (5-5)_3 + (9+3-3+6)_5$	15
65	4^2	1260	$(0, 1)_4$	1
66	8^1	5040	$(1)_8$	1

$$k = 9$$

Col	H	C(H)	dX(H)	d
67	1^9	1	$(0, 0, 0, 0, 0, 0, 0, 0, 1)_1$	1
68	$1^7 2^1$	36	$(0, 1, 2, 4, 8, 16, 32, 64)_1 + (1)_2$	128
69	$1^6 3^1$	168	$(0, 0, 1, 3, 6, 9, 9)_1 - (1)_3$	27
70	$1^5 2^2$	378	$(0, 3, 5, 8, 12, 16, 16)_1 + (3, 1-1)_2$	64
71	$1^5 4^1$	756	$(0, 1, 10, 20, 24, 16)_1 - (7+8-1)_4$	64
72	$1^4 2^1 3^1$	2520	$(0, 91, 150, 204, 216, 144)_1 + (27)_2 + 32(1+2)_3$	864
73	$1^4 5^1$	3024	$(0, 1, 2, 2, 1)_1 - (1+1+0-1)_5$	5
74	$1^3 2^3$	1260	$(0, 6, 9, 12, 12, 8)_1 + (6, 3-3, 8)_2$	64
75	$1^3 2^1 4^1$	7560	$(0, 7, 9, 8, 4)_1 + (7, 1-1)_2 - (4-4)_4$	32
76	$1^3 3^2$	3360	$(0, 6, 7, 6, 3)_1 + (5+6, 0+3-3)_3$	27
77	$1^3 6^1$	10080	$(0, 35, 30, 12)_1 - (5-8, -27-40-35)_6$	72
78	$1^2 2^2 3^1$	7560	$(0, 45, 58, 48, 24)_1 + 9(5, 4)_2 + (32)_3$	288
79	$1^2 2^1 5^1$	18144	$(0, 13, 10, 4)_1 + (5)_2 + 8(1+1+2+1)_5$	40
80	$1^2 3^1 4^1$	15120	$(0, 41, 30, 12)_1 + 16(1+2)_3 + 9(5+4+1)_4$	144
81	$1^2 7^1$	25920	$(0, 3, 1)_1 + (3+5+6+6+5+3)_7$	7
82	$1^1 2^4$	945	$(0, 0, 0, 0, 1)_1 + (0, 0, -5-1, 20+12)_2$	16
83	$1^1 2^2 4^1$	11340	$(0, 7, 5, 2)_1 + (7, 3-5, 4-4)_2 + (4+4)_4$	32
84	$1^1 2^1 3^2$	10080	$(0, 43, 30, 12)_1 + (27)_2 + 8(7+2, 6-3-3)_3$	216
85	$1^1 2^1 6^1$	30240	$(0, 3, 1)_1 + (3, 1-1)_2 + 4(1+1+1+1)_6$	12
86	$1^1 3^1 5^1$	24192	$(0, 3, 1)_1 + (5)_3 + (6+6+0+3)_5$	15
87	$1^1 4^2$	11340	$(0, 0, 1)_1 + (-3-1, 18+14+10+6)_4$	16
88	$1^1 8^1$	45360	$(0, 1)_1 + (7+6+5+4+3+2+1)_8$	8
89	$2^3 3^1$	2520	$(0, 22, 15, 6)_1 + 9(6, 3-5, 4-4)_2 - 16(1+2)_3$	144
90	$2^2 5^1$	9072	$(0, 3, 1)_1 + 5(3, 1-1)_2 - 4(1+1+0+3)_5$	20
91	$2^1 3^1 4^1$	15120	$(0, 3, 1)_1 + 3(1, 1-1)_2 + (8)_3 + 6(1-1)_4$	24
92	$2^1 7^1$	25920	$(0, 1)_1 + (7)_2 + (6-2+4-4+2-6)_7$	14
93	3^3	2240	$(0, 0, 1)_3$	1
94	$3^1 6^1$	20160	$(0, 1)_3 + (1)_6$	2

Col	H	C(H)	dX(H)	đ
95	$4^1 5^1$	18144	$(0, 1)_1 + 5(3+2+1)_4 + 4(1-3-2-1)_5$	20
96	9^1	40320	$(1)_9$	1

$$k = 10$$

Col	H	C(H)	dX(H)	đ
97	1^{10}	1	$(0, 0, 0, 0, 0, 0.\ 0.\ 0, 0, 1)_1$	1
98	$1^8 2^1$	45	$(0, 1, 2, 4, 8, 16, 32, 64, 128)_1 + (1)_2$	256
99	$1^7 3^1$	240	$(0, -1, 0, 3, 9, 18, 27, 27)_1 - (2+1)_3$	81
100	$1^6 2^2$	630	$(0, 3, 6, 10, 16, 24, 32, 32)_1 + (3, 2)_2$	128
101	$1^6 4^1$	1260	$(0, -7, 2, 20, 40, 48, 32)_1 - (7+16+7)_4$	128
102	$1^5 2^1 3^1$	5040	$(0, 91, 182, 300, 408, 432, 288)_1 \ \ +(27)_2 + (0+64)_3$	1728
103	$1^5 5^1$	6048	$(0, -1, 5, 10, 10, 5)_1 - (4+8+7+1)_5$	25
104	$1^4 2^3$	3150	$(0, 21, 30, 40, 48, 48, 32)_1 + (21, 8-12, 8-8)_2$	256
105	$1^4 2^1 4^1$	18900	$(0, 7, 14, 18, 16, 8)_1 + (7, 2)_2 - (8)_4$	64
106	$1^4 3^2$	8400	$(0, 4, 6, 7, 6, 3)_1 + (2+4, -1+2-1)_3$	27
107	$1^4 6^1$	25200	$(0, 35.\ 70, 60, 24)_1 - (45+64+45+0-35)_6$	144
108	$1^3 2^2 3^1$	25200	$(0, 253, 324, 348, 288, 144)_1 + 27(7, 2-2)_2 \ \ +64(2+1)_3$	1728
109	$1^3 2^1 5^1$	60480	$(0, 21, 26, 20, 8)_1 + (5)_2 + 16(0+0+1+1)_5$	80
110	$1^3 3^1 4^1$	50400	$(0, 77, 82, 60, 24)_1 + (0+32)_2 + 9(5+8+5)_4$	288
111	$1^3 7^1$	86400	$(0, 4, 3, 1)_1 - (1+0-2-4-5-4)_7$	7
112	$1^2 2^4$	4725	$(0, 35, 40, 40, 32, 16)_1 \ \ +(35, 10-30, 16-32, 32-32)_2$	256
113	$1^2 2^2 4^1$	56700	$(0, 7, 7, 5, 2)_1 + (5, 2-3, 2-2)_2 + (2+4+2)_4$	32
114	$1^2 2^1 3^2$	50400	$(0, 91, 86, 60, 24)_1 + (27)_2 + 16(6+4, 3+0-3)_3$	432
115	$1^2 2^1 6^1$	151200	$(0, 53, 36, 12)_1 + (53, 6-6)_2 - 16(1-2-1-4)_6$	144
116	$1^2 3^1 5^1$	120960	$(0, 14, 9, 3)_1 + 5(2+1)_3 + 9(1+2+1+1)_5$	45
117	$1^2 4^2$	56700	$(0, 19, 12, 4)_1 + (19, 10-10)_2 \ \ +16(1+1, -1+2-1)_4$	64
118	$1^2 8^1$	226800	$(0, 7, 2)_1 + (7+12+15+16+15+12+7)_8$	64
119	$1^1 2^3 3^1$	25200	$(0, 49, 44, 30, 12)_1 + 9(9, 4-6, 4-4)_2 \ \ -(0+32)_3$	288
120	$1^1 2^2 5^1$	90720	$(0, 19, 12, 4)_1 + 5(7, 2-2)_2 + 16(0+0+1-1)_5$	80
121	$1^1 2^1 3^1 4^1$	151200	$(0, 59, 36, 12)_1 + 9(3, 2-2)_2 \ \ +32\ (2+1)_3 + (72)_4$	288
122	$1^1 2^1 7^1$	259200	$(0, 7, 2)_1 + (7)_2 + 4(3+2+4+2+3)_7$	28
123	$1^1 3^3$	22400	$(0, 0, 0, 1)_1 + (0, -10-4-1, 36+27+18)_3$	27
124	$1^1 3^1 6^1$	201600	$(0, 7, 2)_1 + (12+7, 6+0-6)_3 + 9(1+1+1)_6$	36
125	$1^1 4^1 5^1$	181440	$(0, 7, 2)_1 + 5(3+4+3)_4 + 8(2+0-1-1)_5$	40
126	$1^1 9^1$	403200	$(0, 1)_1 + (8+7+6+5+4+3+2+1)_9$	9
127	2^5	945	$(0, 0, 0, 0, 1)_2$	1
128	$2^3 4^1$	18900	$(0, 1, 2, 4)_2 + (1)_4$	8
129	$2^2 3^2$	25200	$(0, 61, 36, 12)_1 + 27(7, 2-2)_2 \ \ +16(2-8, 3-6+3)_3$	432
130	$2^2 6^1$	75600	$(0, 7, 2)_1 + (7, 8-12, 8-8)_2 + 16(1+0+1)_6$	48
131	$2^1 3^1 5^1$	120960	$(0, 7, 2)_1 + (15)_2 + (0-20)_3 + 12(3+0+1+1)_5$	60
132	$2^1 4^2$	56700	$(0, 1, 1)_2 + (1, 1+0-1)_4$	4
133	$2^1 8^1$	226800	$(0, 1)_2 + (3+0+2+0+1)_8$	4
134	$3^2 4^1$	50400	$(0, 7, 2)_1 + 8\ (6+2, 3+0-3)_3 - 9\ (1+4+1)_4$	72
135	$3^1 7^1$	172800	$(0, 1)_1 + 7\ (2+1)_3 + (6-9-3+3-12-6)_7$	21
136	$4^1 6^1$	151200	$(0, 1)_2 + (3)_4 + (2+0-2)_6$	6
137	5^2	72576	$(0, 1)_5$	1
138	10^1	362880	$(1)_{10}$	1

$$k = 11$$

Col	H	C(H)	dX(H)	đ
139	1^{11}	1	$(0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1)_1$	1
140	$1^9 2^1$	55	$(0, 1, 2, 4, 8, 16, 32, 64, 128, 256)_1 + (1)_2$	512
141	$1^8 3^1$	330	$(0, -1, -1, 0, 3, 9, 18, 27, 27)_1 - (1+1)_3$	81
142	$1^7 2^2$	990	$(0, 4, 7, 12, 20, 32, 48, 64, 64)_1 + (4, 1-1)_2$	256

Col	H	C(H)	dX(H)	d
143	174^1	1980	$(0, -15, -14, 4, 40, 80, 96, 64)_1 + (1-16-15)_4$	256
144	16^213^1	9240	$(0, 209, 546, 1092, 1800, 2448, 2592, 1728)_1$	
			$+(81)_2 - 128 (1-1)_3$	10368
145	16^51	11088	$(0, -4, -1, 5, 10, 10, 5)_1 - (0+4+7+4)_5$	25
146	15^23	6930	$(0, 21, 42, 60, 80, 96, 96, 64)_1 + (21, 24, 8-8)_2$	512
147	15^214^1	41580	$(0, 4, 15, 28, 36, 32, 16)_1 + (4, 1-1)_2 - (8+8)_4$	128
148	15^32	18480	$(0, 2, 4, 6, 7, 6, 3)_1 + (0+2, -1+1)_3$	27
149	15^61	55440	$(0, -119, 210, 420, 360, 144)_1$	
			$-(151+416+567+448+119)_6$	864
150	14^223^1	69300	$(0, 172, 253, 324, 348, 288, 144)_1$	
			$+27 (4, 1-1)_2 + 64 (1+1)_3$	1728
151	14^215^1	166320	$(0, 89, 210, 260, 200, 80)_1 + (25)_2$	
			$-32 (2+4+1-2)_5$	800
152	14^314^1	138600	$(0, 307, 462, 492, 360, 144)_1 + 64 (-1+1)_3$	
			$+27 (1+8+9)_4$	1728
153	14^71	237600	$(0, 2, 4, 3, 1)_1 - (3+5+5+3+0-2)_7$	7
154	13^24	17325	$(0, 28, 35, 40, 40, 32, 16)_1$	
			$+(28, 9-21, 12-20, 16-16)_2$	256
155	13^224^1	207900	$(0, 43, 56, 56, 40, 16)_1 + (27, 10-14, 8-8)_2$	
			$+16 (0+1+1)_4$	256
156	13^213^2	184800	$(0, 155, 182, 172, 120 48)_1 + (27)_2$	
			$+32 (4+4, 1+1-2)_3$	864
157	13^216^1	554400	$(0, 44, 53, 36, 12)_1 + (44, 3-3)_2$	
			$-16 (3+1+2-2)_6$	144
158	13^315^1	443520	$(0, 14, 14, 9, 3)_1 + (5+5)_3 + 9 (0+1+1+1)_5$	45
159	13^42	207900	$(0, 20, 19, 12, 4)_1 + 5 (4, 1-1)_2$	
			$-16 (0-1, 1-1)_4$	64
160	13^81	831600	$(0, 21, 14, 4)_1 - (7+4-5-16-25-28-21)_8$	32
161	12^223^1	138600	$(0, 547, 588, 528, 360, 144)_1$	
			$+27 (25, 10-14, 8-8)_2 + 128 (1-1)_3$	3456
162	12^225^1	498960	$(0, 20, 19, 12, 4)_1 + 5 (4, 1-1)_2 + (0+0+16)_5$	80
163	$12^213^14^1$	831600	$(0, 68, 59, 36, 12)_1 + 9 (4,1-1)_2 + 32 (1+1)_3$	
			$+36 (1+1)_4$	288
164	12^217^1	1425600	$(0, 23, 14, 4)_1 + (7)_2 + 8 (1+1+3+3+4+2)_7$	56
165	12^33	123200	$(0, 6, 5, 3, 1)_1 + (7+6, 2+1-6, 3+3-6)_3$	27
166	12^316^1	1108800	$(0, 73, 42, 12)_1 + (104+73, 12+12-24)_3$	
			$-27(1-1-3)_6$	216
167	12^415^1	997920	$(0, 25, 14, 4)_1 + 5 (1+4+5)_4 + 16 (2+2+1)_5$	80
168	12^91	2217600	$(0, 4, 1)_1 + (4+7+9+10+10+9+7+4)_9$	9
169	11^25	10395	$(0, 0, 0, 0, 0, 1)_1 + (0, 0, 1, -18-6, 48+32)_2$	32
170	11^234^1	207900	$(0, 6, 5, 3, 1)_1 + (6, 2-5, 3-5, 4-4)_2$	
			$+(2+2)_4$	32
171	11^223^2	277200	$(0, 76, 61, 36, 12)_1 + 27 (4, 1-1)_2$	
			$+16 (4-2, 3-3)_3$	432
172	11^226^1	831600	$(0, 37, 21, 6)_1 + (37, 15-21, 12-12)_2$	
			$+16 (1+1+2+2)_6$	144
173	$11^213^15^1$	1330560	$(0, 77, 42, 12)_1 + (45)_2 + 40 (1-1)_3$	
			$+72 (2+1+1+1)_5$	360
174	11^214^2	623700	$(0, 13, 7, 2)_1 + (13, 5-7, 4-4)_2$	
			$+4 (3+3, 2+2-2-2)_4$	64
175	11^218^1	2494800	$(0, 4, 1)_1 + (4, 1-1)_2 + (6+6+8+8+6+6)_8$	16
176	11^324^1	554400	$(0, 79, 42, 12)_1 + 16 (14+10, 3+3-6)_3$	
			$+27 (1-4-3)_4$	432
177	11^317^1	1900800	$(0, 4, 1)_1 + (7+7)_3 + (9+3+3+9+0-3)_7$	21
178	11^416^1	1663200	$(0, 4, 1)_1 + (4, 1-1)_2 + (6+6)_4 + (8+8)_6$	24
179	11^52	798336	$(0, 0, 1)_1 + (-6-3-1, 30+25+20+15+10)_5$	25
180	11^101	3991680	$(0, 1)_1 + (9+8+7+6+5+4+3+2+1)_{10}$	10
181	24^31	34650	$(0, 40, 31, 18, 6)_1 + 9 (8, 3-9, 6-10, 8-8)_2$	
			$-32 (1+1)_3$	288
182	23^51	166320	$(0, 13, 7, 2)_1 + 5 (9, 5-7, 4-4)_2$	
			$-16 (2+0+1+2)_5$	80

Col	H	C(H)	dX(H)	d
183	$2^2 3^1 4^1$	415800	$(0, 40, 21, 6)_1 + 9\,(8,\ 5-7,\ 4-4)_2 + 32\,(1-1)_3$ $+36\,(1-1)_4$	288
184	$2^2 7^1$	712800	$(0, 4, 1)_1 + 7\,(4, 1-1)_2 - 4\,(3+1+1+3+0+6)_7$	28
185	$2^1 3^3$	123200	$(0, 27, 14, 4)_1 + (27)_2 + 8\,(5,\ 4-5-2,\ 9-9)_3$	216
186	$2^1 3^1 6^1$	1108800	$(0, 5, 2)_1 + 3\,(3, 4)_2 + 4\,(2-1,\ 3-3)_3$ $+12\,(2+0+1)_6$	72
187	$2^1 4^1 5^1$	997920	$(0, 4, 1)_1 + 5\,(3, 1-1)_2 + 5\,(3+2+1)_4$ $-8\,(0+2+1+2)_5$	40
188	$2^1 9^1$	2217600	$(0, 1)_1 + (9)_2 + 2\,(4-1+3-2+2-3+1-4)_9$	18
189	$3^2 5^1$	443520	$(0, 4, 1)_1 + 5\,(5-1,\ 3-3)_3 + 9\,(0+1-2+1)_5$	45
190	$3^1 4^2$	415800	$(0, 4, 1)_1 + 16\,(1+1)_3$ $+3\,(3-3-4,\ 6-6-2+2)_4$	48
191	$3^1 8^1$	1663200	$(0, 1)_1 + 8\,(1-1)_3 + 3\,(5+2-1+4+1-2+3)_8$	24
192	$4^1 7^1$	1425600	$(0, 1)_1 + 7\,(1-2-1)_4 + 4\,(5+3+1-1+4+2)_7$	28
193	$5^1 6^1$	1330560	$(0, 1)_1 + 6\,(4+3+2+1)_5 + 5\,(1-4-3-2-1)_6$	30
194	11^1	3628800	$(1)_{11}$	1

$$k = 12$$

Col	H	C(H)	dX(H)	d
195	1^{12}	1	$(0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1)_1$	1
196	$1^{10} 2^1$	66	$(0, 1, 2, 4, 8, 16, 32, 64, 128, 256, 512)_1 + (1)_2$	1024
197	$1^9 3^1$	440	$(0, -2, -3, -3, 0, 9, 27, 54, 81, 81)_1$ $-(1+2)_3$	243
198	$1^8 2^2$	1485	$(0, 2, 4,\ 7, 12, 20, 32, 48, 64, 64)_1 + (2,\ 1)_2$	256
199	$1^8 4^1$	2970	$(0, -15, -30, -28, 8, 80, 160, 192, 128)_1$ $+(17+0-15)_4$	512
200	$1^7 2^1 3^1$	15840	$(0, 81, 418, 1092, 2184, 3600, 4896, 5184,$ $3456)_1 + (81)_2 - (256)_3$	20736
201	$1^7 5^1$	19008	$(0, -3, -4,\ -1, 5, 10, 10, 5)_1 + (3+2-2-3)_5$	25
202	$1^6 2^3$	13860	$(0, 33, 54, 84, 120, 160, 192, 192, 128)_1$ $+(33, 12-12, 16)_2$	1024
203	$1^6 2^1 4^1$	83160	$(0, -2, 4, 15, 28, 36, 32, 16)_1 - (2,\ -1)_2$ $-(0+8)_4$	128
204	$1^6 3^2$	36960	$(0, 5, 18, 36, 54, 63, 54, 27)_1$ $-(8-5,\ 6-3-3)_3$	243
205	$1^6 6^1$	110880	$(0, -567,\ -238, 420, 840, 720, 288)_1$ $+(265+0-567-896-567)_6$	1728
206	$1^5 2^2 3^1$	166320	$(0, 1241, 2064, 3036, 3888, 4176, 3456,$ $1728)_1 + 81\,(9,\ 2-2)_2 + 256\,(1+2)_3$	20736
207	$1^5 2^1 5^1$	399168	$(0, -39, 178, 420, 520,\ 400, 160)_1 + (25)_2$ $-64(1+4+4+1)_5$	1600
208	$1^5 3^1 4^1$	332640	$(0, 243, 614, 924, 984, 720, 288)_1 - (128)_3$ $-27\,(7+0-9)_4$	3456
209	$1^5 7^1$	570240	$(0, -2, 2, 4, 3,\ 1)_1 - (1+4+7+8+6+2)_7$	7
210	$1^4 2^4$	51975	$(0, 21, 28, 35, 40, 40, 32, 16)_1$ $+(21,\ 7-14, 8-12, 8-8)_2$	256
211	$1^4 2^2 4^1$	623700	$(0, 51, 86, 112, 112, 80, 32)_1$ $+(35, 12-16,\ 8-8)_2 - 16\,(1+0-1)_4$	512
212	$1^4 2^1 3^2$	554400	$(0, 219, 310, 364, 344, 240, 96)_1$ $+(27)_2 + 64\,(2+3,\ 0+1-1)_3$	1728
213	$1^4 2^1 6^1$	1663200	$(0,145, 528, 636, 432,\ 144)_1 + (145, 18-18)_2$ $-64\,(5+8+10+4)_6$	1728
214	$1^4 3^1 5^1$	1330560	$(0, 131, 210, 210,\ 135, 45)_1 + 25\,(1+2)_3$ $-27\,(3+1-1-3)_5$	675
215	$1^4 4^2$	623700	$(0, 57, 80, 76, 48, 16)_1 + (57, 2-2)_2$ $-16\,(3-2,2+0-2)_4$	256
216	$1^4 8^1$	2494800	$(0, 21, 42, 28, 8)_1$ $-(35+64+75+64+35\ +0-21)_8$	64
217	$1^3 2^3 3^1$	554400	$(0, 891, 1094, 1176, 1056, 720, 288)_1$ $+27(33, 12-16,\ 8-8)_2 + (256)_3$	6912

Col	H	C(H)	dX(H)	d
218	$1^3 2^2 5^1$	1995840	$(0, 289, 400, 380, 240, 80)_1 + 25\ (9,\ 2-2)_2$ $-64\ (1+2-2-1)_5$	1600
219	$1^3 2^1 3^1 4^1$	3326400	$(0, 715, 816, 708, 432, 144)_1 + 9\ (51,\ 6-6)_2$ $+128\ (1+2)_3 + (0+432)_4$	3456
220	$1^3 2^1 7^1$	5702400	$(0, 39, 46, 28, 8)_1 + (7)_2$ $-16\ (1+2+1+0-2-2)_7$	112
221	$1^3 3^3$	492800	$(0, 17, 18, 15, 9, 3)_1$ $+(16+17,\ 3+6-12,\ 0+9-9)_3$	81
222	$1^3 3^1 6^1$	4435200	$(0, 153, 146, 84, 24)_1 + (160+153,\ 0+24-24)_3$ $-27\ (5+3-3)_6$	432
223	$1^4 4^1 5^1$	3991680	$(0, 57, 50, 28, 8)_1 - 5\ (3+0-5)_4$ $+32\ (1+2+2+1)_5$	160
224	$1^3 9^1$	8870400	$(0, 20, 12, 3)_1$ $-(8+7+0-10-20-27-28-20)_9$	27
225	$1^2 2^5$	62370	$(0, 63, 70, 70, 60, 40, 16)_1$ $+(63,\ 14-56,\ 20-60,\ 32-64,\ 64-64)_2$	512
226	$1^2 2^3 4^1$	1247400	$(0, 91, 96, 80, 48, 16)_1$ $+(91,\ 26-54,\ 32-48,\ 32-32)_2 + (0+32)_4$	512
227	$1^2 2^2 3^2$	1663200	$(0, 307, 304, 244, 144, 48)_1 + 27\ (9,\ 2-2)_2$ $+64\ (4+1,\ 2-1-1)_3$	1728
228	$1^2 2^2 6^1$	4989600	$(0, 81, 74, 42, 12)_1 + 3\ (27,\ 6-8,\ 4-4)_2$ $-32\ (1+0+0-2)_6$	288
229	$1^2 2^1 3^1 5^1$	7983360	$(0, 189, 154, 84, 24)_1 + (45)_2 + (80)_3$ $+144\ (1+1+1+1)_5$	720
230	$1^2 2^1 4^2$	3742200	$(0, 33, 26, 14, 4)_1 + (17,\ 6-8,\ 4-4)_2$ $+8\ (3+4+2,\ 0+2+0-2)_4$	128
231	$1^2 2^1 8^1$	14968800	$(0, 29, 16, 4)_1 + (29,\ 2-2)_2$ $-8\ (2-1+0-4-2-5)_8$	64
232	$1^2 3^2 4^1$	3326400	$(0, 207, 158, 84, 24)_1 + 32\ (8+9,\ 0+3-3)_3$ $+27\ (5+0-3)_4$	864
233	$1^2 3^1 7^1$	11404800	$(0, 23, 12, 3)_1 + 7\ (1+2)_3$ $+9\ (2+2+2+4+3+1)_7$	63
234	$1^2 4^1 6^1$	9979200	$(0, 95, 48, 12)_1 + (95,\ 6-6)_2 + (0+72)_4$ $+32\ (1+4+2+2)_6$	288
235	$1^2 5^2$	4790016	$(0, 8, 4, 1)_1$ $+(12+13+12+8,\ 0+5+5+0-10)_5$	25
236	$1^2 10^1$	23950080	$(0, 9, 2)_1$ $+(9+16+21+24+25+24+21+16+9)_{10}$	20
237	$1^1 2^4 3^1$	415800	$(0, 1027, 960, 744, 432, 144)_1 + 27\ (57,\ 22-50,\ 32-48,\ 32-32)_2 - 256\ (1+2)_3$	6912
238	$1^1 2^3 5^1$	1995840	$(0, 33, 26, 14, 4)_1 + 5\ (13,\ 6-8,\ 4-4)_2$ $-32\ (1+0+0+1)_5$	160
239	$1^1 2^2 3^1 4^1$	4989600	$(0, 54, 40, 21, 6)_1 + 9\ (6,\ 3-4,\ 2-2)_2 + (32)_3$ $+(36)_4$	288
240	$1^1 2^2 7^1$	8553600	$(0, 31, 16, 4)_1 + 7\ (9,\ 2-2)_2$ $-16\ (1+0-1+0-2+2)_7$	112
241	$1^1 2^1 3^3$	1478400	$(0, 75, 54, 28, 8)_1 + (27)_2$ $+16\ (6+3,\ 3-2-4,\ 6-3-3)_3$	432
242	$1^1 2^1 3^1 6^1$	13305600	$(0, 20, 12, 3)_1 + (0,\ 9)_2 + (0,\ 18)_3$ $+(46+20+36+28+20)_6$	108
243	$1^1 2^1 4^1 5^1$	11975040	$(0, 33, 16, 4)_1 + 5\ (13,\ 2-2)_2 + (0+40)_4$ $+32\ (1+0+0-1)_5$	160
244	$1^1 2^1 9^1$	26611200	$(0, 9, 2)_1 + (9)_2 + 4\ (4+3+6+4+6+3+4)_9$	36
245	$1^1 3^2 5^1$	5322240	$(0, 25, 12, 3)_1 + 5\ (13+5,\ 6-3-3)_3$ $+27\ (0+1-1)_5$	135
246	$1^1 3^1 4^2$	4989600	$(0, 101, 48, 12)_1 + 64\ (1+2)_3$ $+9\ (19+10-3,\ 20-4-12-4)_4$	576
247	$1^1 3^1 8^1$	19958400	$(0, 9, 2)_1 + (16)_3 + 3\ (7+8+3+8+7+0+3)_8$	48
248	$1^1 4^1 7^1$	17107200	$(0, 9, 2)_1 + 7(3+0-1)_4$ $+8\ (3+4+3+0+2+2)_7$	56

Col	H	C(H)	dX(H)	d
249	$1^1 5^1 6^1$	15966720	$(0, 9, 2)_1 + 12(2+3+3+2)_5 + 5(5+0-3-4-3)_6$	60
250	$1^1 11^1$	43545600	$(0, 1)_1 + (10+9+8+7+6+5+4+3+2+1)_{11}$	11
251	2^6	10395	$(0, 0, 0, 0, 0, 1)_2$	1
252	$2^4 4^1$	311850	$(0, 1, 2, 4, 8)_2 + (1)_4$	16
253	$2^3 3^2$	554400	$(0, 117, 82, 42, 12)_1 + 27(15, 6-8, 4-4)_2 - 32(2+9, 0+3-3)_3$	864
254	$2^3 6^1$	1663200	$(0, 2, 3, 3)_2 + (1+0+2)_6$	9
255	$2^2 3^1 5^1$	3991680	$(0, 101, 48, 12)_1 + 45(9, 2-2)_2 - 80(1+2)_3 + 144(1-1+1-1)_5$	720
256	$2^2 4^2$	1871100	$(0, 1, 2, 2)_2 + (1, 2)_4$	8
257	$2^2 8^1$	7484400	$(0, 3, 2)_2 + (3)_4 + 4(0+0+1)_8$	8
258	$2^1 3^2 4^1$	3326400	$(0, 103, 48, 12)_1 + 27(5, 2-2)_2 + 32(10-1, 6-3-3)_3 - (0+216)_4$	864
259	$2^1 3^1 7^1$	11404800	$(0, 9, 2)_1 + (21)_2 + (28)_3 + 12(2-2+2+0-1-1)_7$	84
260	$2^1 4^1 6^1$	9979200	$(0, 3, 2)_2 + (3)_4 + (4)_6$	12
261	$2^1 5^2$	4790016	$(0, 9, 2)_1 + (25)_2 + 4(6-1+4-4, 10-5+5-10)_5$	100
262	$2^1 10^1$	23950080	$(0, 1)_2 + (4+0+3+0+2+0+1)_{10}$	5
263	3^4	246400	$(0, 0, 0, 1)_3$	1
264	$3^2 6^1$	4435200	$(0, 1, 2)_3 + (1)_6$	4
265	$3^1 4^1 5^1$	7983360	$(0, 9, 2)_1 + (40)_3 + 15(3+0-1)_4 + 24(1-1-1+1)_5$	120
266	$3^1 9^1$	17740800	$(0, 1)_3 + (2+0+0+1)_9$	3
267	4^3	1247400	$(0, 0, 1)_4$	1
268	$4^1 8^1$	14968800	$(0, 1)_4 + (1)_8$	2
269	$5^1 7^1$	13685760	$(0, 1)_1 + 7(2-1+1-2)_5 + 5(4+1-2+2-1+3)_7$	35
270	6^2	6652800	$(0, 1)_6$	1
271	12^1	39916800	$(1)_{12}$	1

TABLE 2

n	1	2	3	4	5	6	7	8	9	10	11	12	13
0	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	2	0	3	1	0	4	2	1	0	0	5	3
2	1	3	1	6	2	0	10	4	1	2	0	15	7
3	1	4	0	10	2	1	20	6	1	0	0	35	13
4	1	5	1	15	3	0	35	9	2	3	1	70	22
5	1	6	0	21	3	0	56	12	2	0	0	126	34
6	1	7	1	28	4	1	84	16	3	4	0	210	50
7	1	8	0	36	4	0	120	20	3	0	0	330	70
8	1	9	1	45	5	0	165	25	3	5	1	495	95
9	1	10	0	55	5	1	220	30	4	0	0	715	125
10	1	11	1	66	6	0	286	36	4	6	0	1001	161
11	1	12	0	78	6	0	364	42	4	0	0	1365	203
12	1	13	1	91	7	1	455	49	5	7	1	1820	252
13	1	14	0	105	7	0	560	56	5	0	0	2380	308
14	1	15	1	120	8	0	680	64	5	8	0	3060	372
15	1	16	0	136	8	1	816	72	6	0	0	3876	444
16	1	17	1	153	9	0	969	81	6	9	1	4845	525
17	1	18	0	171	9	0	1140	90	6	0	0	5985	615
18	1	19	1	190	10	1	1330	100	7	10	0	7315	715
19	1	20	0	210	10	0	1540	110	7	0	0	8855	825
20	1	21	1	231	11	0	1771	121	7	11	1	10626	946
21	1	22	0	253	11	1	2024	132	8	0	0	12650	1078
22	1	23	1	276	12	0	2300	144	8	12	0	14950	1222
23	1	24	0	300	12	0	2600	156	8	0	0	17550	1378
24	1	25	1	325	13	1	2925	169	9	13	1	20475	1547
25	1	26	0	351	13	0	3276	182	9	0	0	23751	1729
26	1	27	1	378	14	0	3654	196	9	14	0	27405	1925
27	1	28	0	406	14	1	4060	210	10	0	0	31465	2135
28	1	29	1	435	15	0	4495	225	10	15	1	35960	2360
29	1	30	0	465	15	0	4960	240	10	0	0	40920	2600
30	1	31	1	496	16	1	5456	256	11	16	0	46376	2856
31	1	32	0	528	16	0	5984	272	11	0	0	52360	3128
32	1	33	1	561	17	0	6545	289	11	17	1	58905	3417
33	1	34	0	595	17	1	7140	306	12	0	0	66045	3723
34	1	35	1	630	18	0	7770	324	12	18	0	73815	4047
35	1	36	0	666	18	0	8436	342	12	0	0	82251	4389
36	1	37	1	703	19	1	9139	361	13	19	1	91390	4750
37	1	38	0	741	19	0	9880	380	13	0	0	101270	5130
38	1	39	1	780	20	0	10660	400	13	20	0	111930	5530
39	1	40	0	820	20	1	11480	420	14	0	0	123410	5950
40	1	41	1	861	21	0	12341	441	14	21	1	135751	6391
41	1	42	0	903	21	0	13244	462	14	0	0	148995	6853
42	1	43	1	946	22	1	14190	484	15	22	0	163185	7337
43	1	44	0	990	22	0	15180	506	15	0	0	178365	7843
44	1	45	1	1035	23	0	16215	529	15	23	1	194580	8372
45	1	46	0	1081	23	1	17296	552	16	0	0	211876	8924
46	1	47	1	1128	24	0	18424	576	16	24	0	230300	9500
47	1	48	0	1176	24	0	19600	600	16	0	0	249900	10100
48	1	49	1	1225	25	1	20825	625	17	25	1	270725	10725
49	1	50	0	1275	25	0	22100	650	17	0	0	292825	11375

n	14	15	16	17	18	19	20	21	22	23
0	1	1	1	1	1	1	1	1	1	1
1	2	1	1	0	0	6	4	3	2	2
2	3	3	1	1	0	21	11	6	5	3
3	5	3	1	1	0	56	24	11	8	4
4	7	6	2	1	0	126	46	18	14	6
5	9	6	2	1	1	252	80	27	20	8
6	12	10	2	2	0	462	130	39	30	10
7	15	10	2	1	0	792	200	54	40	12
8	18	15	3	2	0	1287	295	72	55	15
9	22	15	3	2	0	2002	420	94	70	18
10	26	21	3	2	1	3003	581	120	91	21
11	30	21	3	2	0	4368	784	150	112	24
12	35	28	4	3	0	6188	1036	185	140	28
13	40	28	4	2	0	8568	1344	225	168	32
14	45	36	4	3	0	11628	1716	270	204	36
15	51	36	4	3	1	15504	2160	321	240	40
16	57	45	5	3	0	20349	2685	378	285	45
17	63	45	5	3	0	26334	3300	441	330	50
18	70	55	5	4	0	33649	4015	511	385	55
19	77	55	5	3	0	42504	4840	588	440	60
20	84	66	6	4	1	53130	5786	672	506	66
21	92	66	6	4	0	65780	6864	764	572	72
22	100	78	6	4	0	80730	8086	864	650	78
23	108	78	6	4	0	98280	9464	972	728	84
24	117	91	7	5	0	118755	11011	1089	819	91
25	126	91	7	4	1	142506	12740	1215	910	98
26	135	105	7	5	0	169911	14665	1350	1015	105
27	145	105	7	5	0	201376	16800	1495	1120	112
28	155	120	8	5	0	237336	19160	1650	1240	120
29	165	120	8	5	0	278256	21760	1815	1360	128
30	176	136	8	6	1	324632	24616	1991	1496	136
31	187	136	8	5	0	376992	27744	2178	1632	144
32	198	153	9	6	0	435897	31161	2376	1785	153
33	210	153	9	6	0	501942	34884	2586	1938	162
34	222	171	9	6	0	575757	38931	2808	2109	171
35	234	171	9	6	1	658008	43320	3042	2280	180
36	247	190	10	7	0	749398	48070	3289	2470	190
37	260	190	10	6	0	850668	53200	3549	2660	200
38	273	210	10	7	0	962598	58730	3822	2870	210
39	287	210	10	7	0	1086008	64680	4109	3080	220
40	301	231	11	7	1	1221759	71071	4410	3311	231
41	315	231	11	7	0	1370754	77924	4725	3542	242
42	330	253	11	8	0	1533939	85261	5055	3795	253
43	345	253	11	7	0	1712304	93104	5400	4048	264
44	360	276	12	8	0	1906884	101476	5760	4324	276
45	376	276	12	8	1	2118760	110400	6136	4600	288
46	392	300	12	8	0	2349060	119900	6528	4900	300
47	408	300	12	8	0	2598960	130000	6936	5200	312
48	425	325	13	9	0	2869685	140725	7361	5525	325
49	442	325	13	8	0	3162510	152100	7803	5850	338

Col : 14 — 23

n	24	25	26	27	28	29	30	31	32	33
0	1	1	1	1	1	1	1	1	1	1
1	1	1	0	0	0	0	7	5	4	3
2	2	1	3	1	0	0	28	16	10	8
3	3	1	0	0	2	0	84	40	21	16
4	4	1	6	2	0	0	210	86	39	30
5	5	2	0	0	0	0	462	166	66	50
6	7	2	10	2	3	1	924	296	105	80
7	8	2	0	0	0	0	1716	496	159	120
8	10	2	15	3	0	0	3003	791	231	175
9	12	2	0	0	4	0	5005	1211	325	245
10	14	3	21	3	0	0	8008	1792	445	336
11	16	3	0	0	0	0	12376	2576	595	448
12	19	3	28	4	5	1	18564	3612	780	588
13	21	3	0	0	0	0	27132	4956	1005	756
14	24	3	36	4	0	0	38760	6672	1275	960
15	27	4	0	0	6	0	54264	8832	1596	1200
16	30	4	45	5	0	0	74613	11517	1974	1485
17	33	4	0	0	0	0	100947	14817	2415	1815
18	37	4	55	5	7	1	134596	18832	2926	2200
19	40	4	0	0	0	0	177100	23672	3514	2640
20	44	5	66	6	0	0	230230	29458	4186	3146
21	48	5	0	0	8	0	296010	36322	4950	3718
22	52	5	78	6	0	0	376740	44408	5814	4368
23	56	5	0	0	0	0	475020	53872	6786	5096
24	61	5	91	7	9	1	593775	64883	7875	5915
25	65	6	0	0	0	0	736281	77623	9090	6825
26	70	6	105	7	0	0	906192	92288	10440	7840
27	75	6	0	0	10	0	1107568	109088	11935	8960
28	80	6	120	8	0	0	1344904	128248	13585	10200
29	85	6	0	0	0	0	1623160	150008	15400	11560
30	91	7	136	8	11	1	1947792	174624	17391	13056
31	96	7	0	0	0	0	2324784	202368	19569	14688
32	102	7	153	9	0	0	2760681	233529	21945	16473
33	108	7	0	0	12	0	3262623	268413	24531	18411
34	114	7	171	9	0	0	3838380	307344	27339	20520
35	120	8	0	0	0	0	4496388	350664	30381	22800
36	127	8	190	10	13	1	5245786	398734	33670	25270
37	133	8	0	0	0	0	6096454	451934	37219	27930
38	140	8	210	10	0	0	7059052	510664	41041	30800
39	147	8	0	0	14	0	8145060	575344	45150	33880
40	154	9	231	11	0	0	9366819	646415	49560	37191
41	161	9	0	0	0	0	10737573	724339	54285	40733
42	169	9	253	11	15	1	12271512	809600	59340	44528
43	176	9	0	0	0	0	13983816	902704	64740	48576
44	184	9	276	12	0	0	15890700	1004180	70500	52900
45	192	10	0	0	16	0	18009460	1114580	76636	57500
46	200	10	300	12	0	0	20358520	1234480	83164	62400
47	208	10	0	0	0	0	22957480	1364480	90100	67600
48	217	10	325	13	17	1	25827165	1505205	97461	73125
49	225	10	0	0	0	0	28989675	1657305	105264	78975

Col : 24 — 33

n	34	35	36	37	38	39	40	41	42	43	44	45
0	1	1	1	1	1	1	1	1	1	1	1	1
1	3	2	2	1	1	1	1	0	0	0	0	8
2	6	4	3	4	2	1	1	2	1	0	0	36
3	10	7	4	4	2	3	1	1	0	1	0	120
4	16	11	5	10	4	3	1	3	1	1	0	330
5	24	16	7	10	4	3	1	2	1	0	0	792
6	34	23	9	20	6	6	2	5	1	1	0	1716
7	46	31	11	20	6	6	2	3	1	1	1	3432
8	61	41	13	35	9	6	2	7	1	1	0	6435
9	79	53	15	35	9	10	2	5	1	1	0	11440
10	100	67	18	56	12	10	2	9	2	1	0	19448
11	124	83	21	56	12	10	2	7	1	1	0	31824
12	152	102	24	84	16	15	3	12	2	2	0	50388
13	184	123	27	84	16	15	3	9	1	1	0	77520
14	220	147	30	120	20	15	3	15	2	1	1	116280
15	260	174	34	120	20	21	3	12	2	2	0	170544
16	305	204	38	165	25	21	3	18	2	2	0	245157
17	355	237	42	165	25	21	3	15	2	1	0	346104
18	410	274	46	220	30	28	4	22	2	2	0	480700
19	470	314	50	220	30	28	4	18	2	2	0	657800
20	536	358	55	286	36	28	4	26	3	2	0	888030
21	608	406	60	286	36	36	4	22	2	2	1	1184040
22	686	458	65	364	42	36	4	30	3	2	0	1560780
23	770	514	70	364	42	36	4	26	2	2	0	2035800
24	861	575	75	455	49	45	5	35	3	3	0	2629575
25	959	640	81	455	49	45	5	30	3	2	0	3365856
26	1064	710	87	560	56	45	5	40	3	2	0	4272048
27	1176	785	93	560	56	55	5	35	3	3	0	5379616
28	1296	865	99	680	64	55	5	45	3	3	1	6724520
29	1424	950	105	680	64	55	5	40	3	2	0	8347680
30	1560	1041	112	816	72	66	6	51	4	3	0	10295472
31	1704	1137	119	816	72	66	6	45	3	3	0	12620256
32	1857	1239	126	969	81	66	6	57	4	3	0	15380937
33	2019	1347	133	969	81	78	6	51	3	3	0	18643560
34	2190	1461	140	1140	90	78	6	63	4	3	0	22481940
35	2370	1581	148	1140	90	78	6	57	4	3	1	26978328
36	2560	1708	156	1330	100	91	7	70	4	4	0	32224114
37	2760	1841	164	1330	100	91	7	63	4	3	0	38320568
38	2970	1981	172	1540	110	91	7	77	4	3	0	45379620
39	3190	2128	180	1540	110	105	7	70	4	4	0	53524680
40	3421	2282	189	1771	121	105	7	84	5	4	0	62891499
41	3663	2443	198	1771	121	105	7	77	4	3	0	73629072
42	3916	2612	207	2024	132	120	8	92	5	4	1	85900584
43	4180	2788	216	2024	132	120	8	84	4	4	0	99884400
44	4456	2972	225	2300	144	120	8	100	5	4	0	115775100
45	4744	3164	235	2300	144	136	8	92	5	4	0	133784560
46	5044	3364	245	2600	156	136	8	108	5	4	0	154143080
47	5356	3572	255	2600	156	136	8	100	5	4	0	177100560
48	5681	3789	265	2925	169	153	9	117	5	5	0	202927725
49	6019	4014	275	2925	169	153	9	108	5	4	1	231917400

Col : 34 — 45

n	46	47	48	49	50	51	52	53
0	1	1	1	1	1	1	1	1
1	6	5	4	4	3	3	2	2
2	22	15	12	10	7	6	6	4
3	62	36	28	20	14	10	6	6
4	148	75	58	36	25	15	10	6
5	314	141	108	60	41	22	20	10
6	610	246	188	94	64	31	30	14
7	1106	405	308	140	95	42	50	20
8	1897	636	483	201	136	55	70	26
9	3108	961	728	280	189	70	105	35
							140	44
10	4900	1406	1064	380	256	88	196	56
11	7476	2001	1512	504	339	109	252	68
12	11088	2781	2100	656	441	133	336	84
13	16044	3786	2856	840	564	160	420	100
14	22716	5061	3816	1060	711	190	540	120
15	31548	6657	5016	1320	885	224	660	140
16	43065	8631	6501	1625	1089	262	825	165
17	57882	11046	8316	1980	1326	304	990	190
18	76714	13972	10516	2390	1600	350	1210	220
19	100386	17486	13156	2860	1914	400	1430	250
20	129844	21672	16302	3396	2272	455	1716	286
21	166166	26622	20020	4004	2678	515	2002	322
22	210574	32436	24388	4690	3136	580	2366	364
23	264446	39222	29484	5460	3650	650	2730	406
24	329329	47097	35399	6321	4225	725	3185	455
25	406952	56187	42224	7280	4865	806	3640	504
26	499240	66627	50064	8344	5575	893	4200	560
27	608328	78562	59024	9520	6360	986	4760	616
28	736576	92147	69224	10816	7225	1085	5440	680
29	886584	107547	80784	12240	8175	1190	6120	744
30	1061208	124938	93840	13800	9216	1302	6936	816
31	1263576	144507	108528	15504	10353	1421	7752	888
32	1497105	166452	125001	17361	11592	1547	8721	969
33	1765518	190983	143412	19380	12939	1680	9690	1050
34	2072862	218322	163932	21570	14400	1820	10830	1140
35	2423526	248703	186732	23940	15981	1968	11970	1230
36	2822260	282373	212002	26500	17689	2124	13300	1330
37	3274194	319592	239932	29260	19530	2288	14630	1430
38	3784858	360633	270732	32230	21511	2460	16170	1540
39	4360202	405783	304612	35420	23639	2640	17710	1650
40	5006617	455343	341803	38841	25921	2829	19481	1771
41	5730956	509628	382536	42504	28364	3027	21252	1892
42	6540556	568968	427064	46420	30976	3234	23276	2024
43	7443260	633708	475640	50600	33764	3450	25300	2156
44	8447440	704208	528540	55056	36736	3675	27600	2300
45	9562020	780844	586040	59800	39900	3910	29900	2444
46	10796500	864008	648440	64844	43264	4155	32500	2600
47	12160980	954108	716040	70200	46836	4410	35100	2756
48	13666185	1051569	789165	75881	50625	4675	38025	2925
49	15323490	1156833	868140	81900	54639	4950	40950	3094

Col : 46 — 53

n	54	55	56	57	58	59	60	61	62	63	64	65	66
0	1	1	1	1	1	1	1	1	1	1	1	1	1
1	2	2	1	1	1	1	0	0	1	1	0	0	0
2	3	3	3	2	1	1	4	2	2	0	1	0	0
3	6	4	4	2	2	1	0	0	1	1	0	2	0
4	9	5	7	3	3	1	10	4	2	0	1	0	0
5	12	6	9	4	3	1	0	0	4	2	1	0	0
6	18	8	14	5	4	1	20	6	2	0	0	0	0
7	24	10	17	6	5	1	0	0	4	2	1	3	1
8	30	12	24	7	6	2	35	9	6	0	1	0	0
9	40	14	29	8	7	2	0	0		0	1	0	0
10	50	16	38	10	8	2	56	12	4	2	1	0	0
11	60	18	45	11	9	2	0	0	6	0	1	4	0
12	75	21	57	13	11	2	84	16	9	3	1	0	0
13	90	24	66	14	12	2	0	0	6	0	1	0	0
14	105	27	81	16	13	3	120	20	9	3	2	0	0
15	126	30	93	18	15	3	0	0	12	3	1	5	1
16	147	33	111	20	17	3	165	25	9	0	1	0	0
17	168	36	126	22	18	3	0	0	12	4	2	0	0
18	196	40	148	24	20	3	220	30	16	0	1	0	0
19	224	44	166	26	22	3	0	0	12	0	1	0	0
20	252	48	192	29	24	3	286	36	16	4	2	6	0
21	288	52	214	31	26	4	0	0	20	4	1	0	0
22	324	56	244	34	28	4	364	42	16	0	2	0	0
23	360	60	270	36	30	4	0	0	20	5	2	7	0
24	405	65	305	39	33	4	455	49	25	0	2	0	1
25	450	70	335	42	35	4	0	0	20	5	2	0	0
26	495	75	375	45	37	4	560	56	25	0	2	0	0
27	550	80	410	48	40	4	0	0	30	5	2	8	0
28	605	85	455	51	43	5	680	64	25	0	2	0	0
29	660	90	495	54	45	5	0	0	30	0		0	0
30	726	96	546	58	48	5	816	72	36	6	3	0	0
31	792	102	591	61	51	5	0	0	30	0	2	9	1
32	858	108	648	65	54	5	969	81	36	6	3	0	0
33	936	114	699	68	57	5	0	0	36	0	2	0	0
34	1014	120	762	72	60	5	1140	90	42	6	3	0	0
35	1092	126	819	76	63	6	0	0	36	0	3	10	0
36	1183	133	889	80	67	6	1330	100	42	7	2	0	0
37	1274	140	952	84	70	6	0	0	49	0	3	0	0
38	1365	147	1029	88	73	6	1540	110	42	7	3	0	0
39	1470	154	1099	92	77	6	0	0	56	0	3	0	0
40	1575	161	1183	97	81	6	1771	121	49	7	3	11	1
41	1680	168	1260	101	84	6	0	0	56	0	3	0	0
42	1800	176	1352	106	88	7	2024	132	56	8	3	0	0
43	1920	184	1436	110	92	7	0	0	64	0	3	12	0
44	2040	192	1536	115	96	7	2300	144	64	8	4	0	0
45	2176	200	1628	120	100	7	0	0	72	0	3	0	0
46	2312	208	1736	125	104	7	2600	156	64	8	3	0	0
47	2448	216	1836	130	108	7	0	0	72	0	4	13	1
48	2601	255	1953	135	113	7	2925	169	81	9	4	0	0
49	2754	234	2061	140	117	8	0	0	72	0	3	0	0

Col : 54 — 66

n	67	68	69	70	71	72
0	1	1	1	1	1	1
1	9	7	6	5	5	4
2	45	29	21	17	15	11
3	165	91	57	45	35	25
4	495	239	132	103	71	50
5	1287	553	273	211	131	91
6	3003	1163	519	399	225	155
7	6435	2269	924	707	365	250
8	12870	4166	1560	1190	566	386
9	24310	7274	2521	1918	846	575
10	43758	12174	3927	2982	1226	831
11	75582	19650	5928	4494	1730	1170
12	125970	30738	8709	6594	2386	1611
13	203490	46782	12495	9450	3226	2175
14	319770	69498	17556	13266	4286	2886
15	490314	101046	24213	18282	5606	3771
16	735471	144111	32844	24783	7231	4860
17	1081575	201993	43890	33099	9211	6186
18	1562275	278707	57862	43615	11601	7786
19	2220075	379093	75348	56771	14461	9700
20	3108105	508937	97020	73073	17857	11972
21	4292145	675103	123642	93093	21861	14650
22	5852925	885677	156078	117481	26551	17786
23	7888725	1150123	195300	146965	32011	21436
24	10518300	1479452	242397	182364	38332	25661
25	13884156	1886404	298584	224588	45612	30526
26	18156204	2385644	365211	274652	53956	36101
27	23535820	2993972	443773	333676	63476	42461
28	30260340	3730548	535920	402900	74292	49686
29	38608020	4617132	643467	483684	86532	57861
30	48903492	5678340	768405	577524	100332	67077
31	61523748	6941916	912912	686052	115836	77430
32	76904685	8439021	1079364	811053	133197	89022
33	95548245	10204539	1270347	954465	152577	101961
34	118030185	12277401	1488669	1118397	174147	116361
35	145008513	14700927	1737372	1305129	198087	132342
36	177232627	17523187	2019745	1517131	224587	150031
37	215553195	20797381	2339337	1757063	253847	169561
38	260932815	24582239	2699970	2027795	286077	191072
39	314457495	28942441	3105753	2332407	321497	214711
40	377348994	33949058	3561096	2674210	360338	240632
41	450978066	39680014	4070724	3056746	402842	268996
42	536878650	46220570	4639692	3483810	449262	299972
43	636763050	53663830	5273400	3959450	499862	333736
44	752538150	62111270	5977608	4487990	554918	370472
45	886322710	71673290	6758452	5074030	614718	410372
46	1040465790	82469790	7622460	5722470	679562	453636
47	1217566350	94630770	8576568	6438510	749762	500472
48	1420494075	108296955	9628137	7227675	825643	551097
49	1652411475	123620445	10784970	8095815	907543	605736

Col. : 67–72

n	73	74	75	76	77	78	79	80	81
0	1	1	1	1	1	1	1	1	1
1	4	3	3	3	3	2	2	2	2
2	10	9	7	6	6	5	4	3	3
3	20	19	13	12	10	9	6	5	4
4	35	39	23	21	15	16	9	8	5
5	57	69	37	33	21	25	13	11	6
6	88	119	57	51	29	39	18	15	7
7	130	189	83	75	39	56	24	20	9
8	185	294	118	105	51	80	31	26	11
9	255	434	162	145	65	109	39	33	13
10	343	630	218	195	81	147	49	41	15
11	452	882	286	255	99	192	60	50	17
12	585	1218	370	330	120	249	73	61	19
13	745	1638	470	420	144	315	87	73	21
14	935	2178	590	525	171	396	103	86	24
15	1159	2838	730	651	201	489	121	101	27
16	1421	3663	895	798	234	600	141	118	30
17	1725	4653	1085	966	270	726	163	136	33
18	2075	5863	1305	1162	310	874	187	156	36
19	2475	7293	1555	1386	354	1040	213	178	39
20	2930	9009	1841	1638	402	1232	242	202	42
21	3445	11011	2163	1926	454	1446	273	228	46
22	4025	13377	2527	2250	510	1690	307	256	50
23	4675	16107	2933	2610	570	1960	343	286	54
24	5400	19292	3388	3015	635	2265	382	319	58
25	6206	22932	3892	3465	705	2600	424	354	
26	7099	27132	4452	3960	780	2975	469	391	
27	8085	31892	5068	4510	860	3385	517	431	70
28	9170	37332	5748	5115	945	3840	568	474	75
29	10360	43452	6492	5775	1035	4335	622	519	80
30	11662	50388	7308	6501	1131	4881	680	567	85
31	13083	58140	8196	7293	1233	5472	741	618	90
32	14630	66861	9165	8151	1341	6120	806	672	95
33	16310	76551	10215	9087	1455	6819	874	729	100
34	18130	87381	11355	10101	1575	7581	946	789	105
35	20098	99351	12585	11193	1701	8400	1022	852	111
36	22222	112651	13915	12376	1834	9289	1102	919	117
37	24510	127281	15345	13650	1974	10241	1186	989	123
38	26970	143451	16885	15015	2121	11270	1274	1062	129
39	29610	161161	18535	16485	2275	12369	1366	1139	135
40	32439	180642	20306	18060	2436	13552	1463	1220	141
41	35466	201894	22198	19740	2604	14812	1564	1304	147
42	38700	225170	24222	21540	2780	16164	1670	1392	154
43	42150	250470	26378	23460	2964	17600	1780	1484	161
44	45825	278070	28678	25500	3156	19136	1895	1580	168
45	49735	307970	31122	27676	3356	20764	2015	1680	175
46	53890	340470	33722	29988	3564	22500	2140	1784	182
47	58300	375570	36478	32436	3780	24336	2270	1892	189
48	62975	413595	39403	35037	4005	26289	2405	2005	196
49	67925	454545	42497	37791	4239	28350	2545	2122	204

Col. : 73 — 81

n	82	83	84	85	86	87	88	89	90	91	92	93	94
0	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	0	0	0	0	0	0
2	5	3	2	2	1	1	1	3	2	1	1	0	0
3	5	3	4	2	2	1	1	1	0	1	0	3	1
4	15	7	5	3	2	3	1	6	3	2	1	0	0
5	15	7	7	3	3	3	1	3	1	1	0	0	0
6	35	13	11	5	4	3	1	11	4	3	1	6	2
7	35	13	13	5	4	3	1	6	2	2	1	0	0
8	70	22	17	7	5	6	2	18	5	4	1	0	0
9	70	22	23	7	6	6	2	11	3	3	1	10	2
10	126	34	27	9	7	6	2	27	7	5	1	0	0
11	126	34	33	9	8	6	2	18	4	4	1	0	0
12	210	50	42	12	9	10	2	39	9	7	1	15	3
13	210	50	48	12	10	10	2	27	5	5	1	0	0
14	330	70	57	15	11	10	2	54	11	8	2	0	0
15	330	70	69	15	13	10	2	39	7	7	1	21	3
16	495	95	78	18	14	15	3	72	13	10	2	0	0
17	495	95	90	18	15	15	3	54	9	8	1	0	0
18	715	125	106	22	17	15	3	94	15	12	2	28	4
19	715	125	118	22	18	15	3	72	11	10	1	0	0
20	1001	161	134	26	20	21	3	120	18	14	2	0	0
21	1001	161	154	26	22	21	3	94	13	12	2	36	4
22	1365	203	170	30	23	21	3	150	21	16	2	0	0
23	1365	203	190	30	25	21	3	120	15	14	2	0	0
24	1820	252	215	35	27	28	4	185	24	19	2	45	5
25	1820	252	235	35	29	28	4	150	18	16	2	0	0
26	2380	308	260	40	31	28	4	225	27	21	2	0	0
27	2380	308	290	40	33	28	4	185	21	19	2	55	5
28	3060	372	315	45	35	36	4	270	30	24	3	0	0
29	3060	372	345	45	37	36	4	225	24	21	2	0	0
30	3876	444	381	51	40	36	4	321	34	27	3	66	6
31	3876	444	411	51	42	36	4	270	27	24	2	0	0
32	4845	525	447	57	44	45	5	378	38	30	3	0	0
33	4845	525	489	57	47	45	5	321	30	27	2	78	6
34	5985	615	525	63	49	45	5	441	42	33	3	0	0
35	5985	615	567	63	52	45	5	378	34	30	3	0	0
36	7315	715	616	70	55	55	5	511	46	37	3	91	7
37	7315	715	658	70	57	55	5	441	38	33	3	0	0
38	8855	825	707	77	60	55	5	588	50	40	3	0	0
39	8855	825	763	77	63	55	5	511	42	37	3	105	7
40	10626	946	812	84	66	66	6	672	55	44	3	0	0
41	10626	946	868	84	69	66	6	588	46	40	3	0	0
42	12650	1078	932	92	72	66	6	764	60	48	4	120	8
43	12650	1078	988	92	75	66	6	672	50	44	3	0	0
44	14950	1222	1052	100	78	78	6	864	65	52	4	0	0
45	14950	1222	1124	100	82	78	6	764	55	48	3	136	8
46	17550	1378	1188	108	85	78	6	972	70	56	4	0	0
47	17550	1378	1260	108	88	78	6	864	60	52	3	0	0
48	20475	1547	1341	117	92	91	7	1089	75	61	4	153	9
49	20475	1547	1413	117	95	91	7	972	65	56	4	0	0

Col. : 82 — 94

n	95	96	97	98	99	100	101
0	1	1	1	1	1	1	1
1	0	0	10	8	7	6	6
2	0	0	55	37	28	23	21
3	0	0	220	128	85	68	56
4	1	0	715	367	217	171	127
5	1	0	2002	920	490	382	258
6	0	0	5005	2083	1009	781	483
7	0	0	11440	4352	1933	1488	848
8	1	0	24310	8518	3493	2678	1414
9	1	1	48620	15792	6014	4596	2260
10	1	0	92378	27966	9941	7578	3486
11	0	0	167960	47616	15869	12072	5216
12	1	0	293930	78354	24578	18666	7602
13	1	0	497420	125136	37073	28116	10828
14	1	0	817190	194634	54629	41382	15114
15	1	0	1307504	295680	78842	59664	20720
16	1	0	2042975	439791	111686	84447	27951
17	1	0	3124550	641784	155576	117546	37162
18	1	1	4686825	920491	213438	161161	48763
19	1	0	6906900	1299584	288786	217932	63224
20	2	0	10015005	1808521	385806	291005	81081
21	1	0	14307150	2483624	509448	384098	102942
22	1	0	20160075	3369301	665526	501579	129493
23	1	0	28048800	4519424	860826	648544	161504
24	2	0	38567100	5998876	1103223	830908	199836
25	2	0	52451256	7885280	1401807	1055496	245448
26	1	0	70607460	10270924	1767018	1330148	299404
27	1	1	94143280	13264896	2210791	1663824	362880
28	2	0	124403620	16995444	2746711	2066724	437172
29	2	0	163011640	21612576	3390178	2550408	523704
30	2	0	211915132	27290916	4158583	3127932	624036
31	1	0	273438880	34232832	5071495	3813984	739872
32	2	0	350343565	42671853	6150859	4625037	873069
33	2	0	445891810	52876392	7421206	5579502	1025646
34	2	0	563921995	65153793	8909875	6697899	1199793
35	2	0	708930508	79854720	10647247	8003028	1397880
36	2	1	886163135	97377907	12666992	9520159	1622467
37	2	0	1101716330	118175288	15006329	11277222	1876314
38	2	0	1362649145	142757527	17706299	13305017	2162391
39	2	0	1677106640	171699968	20812052	15637424	2483888
40	3	0	2054455634	205649026	24373148	18311634	2844226
41	2	0	2505433700	245329040	28443872	21368380	3247068
42	2	0	3042312350	291549610	33083564	24852190	3696330
43	2	0	3679075400	345213440	38356964	28811640	4196192
44	3	0	4431613550	407324710	44334572	33299630	4751110
45	3	1	5317936260	478998000	51093024	38373660	5365828
46	2	0	6358402050	561467790	58715484	44096130	6045390
47	2	0	7575968400	656098560	67292052	50534640	6795152
48	3	0	8996462475	764395515	76920189	57762315	7620795
49	3	0	10648873950	888015960	87705159	65858130	8528338

Col : 95 — 101

n	102	103	104	105	106	107	108
0	1	1	1	1	1	1	1
1	5	5	4	4	4	4	3
2	16	15	13	11	10	10	8
3	41	35	32	24	22	20	17
4	91	70	71	47	43	35	33
5	182	127	140	84	76	56	58
6	337	215	259	141	127	85	97
7	587	345	448	224	202	124	153
8	973	530	742	342	307	175	233
9	1548	785	1176	504	452	240	342
10	2379	1128	1806	722	647	321	489
11	3549	1580	2688	1008	902	420	681
12	5160	2165	3906	1378	1232	540	930
13	7335	2910	5544	1848	1652	684	1245
14	10221	3845	7722	2438	2177	855	1641
15	13992	5004	10560	3168	2828	1056	2130
16	18852	6425	14223	4063	3626	1290	2730
17	25038	8150	18876	5148	4592	1560	3456
18	32824	10225	24739	6453	5754	1870	4330
19	42524	12700	32032	8008	7140	2224	5370
20	54496	15630	41041	9849	8778	2626	6602
21	69146	19075	52052	12012	10704	3080	8048
22	86932	23100	65429	14539	12954	3590	9738
23	108368	27775	81536	17472	15564	4160	11698
24	134029	33175	100828	20860	18579	4795	13963
25	164555	39381	123760	24752	22044	5500	16563
26	200656	46480	150892	29204	26004	6280	19538
27	243117	54565	182784	34272	30514	7140	22923
28	292803	63735	220116	40020	35629	8085	26763
29	350664	74095	263568	46512	41404	9120	31098
30	417741	85757	313956	53820	47905	10251	35979
31	495171	98840	372096	62016	55198	11484	41451
32	584193	113470	438957	71181	63349	12825	47571
33	686154	129780	515508	81396	72436	14280	54390
34	802515	147910	602889	92751	82537	15855	61971
35	934857	168008	702240	105336	93730	17556	70371
36	1084888	190230	814891	119251	106106	19390	79660
37	1254449	214740	942172	134596	119756	21364	89901
38	1445521	241710	1085623	151481	134771	23485	101171
39	1660232	271320	1246784	170016	151256	25760	113540
40	1900864	303759	1427426	190322	169316	28196	127092
41	2169860	339225	1629320	212520	189056	30800	141904
42	2469832	377925	1854490	236742	210596	33580	158068
43	2803568	420075	2104960	263120	234056	36544	175668
44	3174040	465900	2383030	291798	259556	39700	194804
45	3584412	515635	2691000	322920	287232	43056	215568
46	4038048	569525	3031470	356642	317220	46620	238068
47	4538520	627825	3407040	393120	349656	50400	262404
48	5089617	690800	3820635	432523	384693	54405	288693
49	5695353	758725	4275180	475020	422484	58644	317043

Col : 102 — 108

n	109	110	111	112	113	114	115	116	117
0	1	1	1	1	1	1	1	1	1
1	3	3	3	2	2	2	2	2	2
2	7	6	6	7	5	4	4	3	3
3	13	11	10	12	8	8	6	5	4
4	22	19	15	27	15	13	9	7	7
5	35	30	21	42	22	20	12	10	10
6	53	45	28	77	35	31	17	14	13
7	77	65	37	112	48	44	22	18	16
8	108	91	48	182	70	61	29	23	22
9	147	124	61	252	92	84	36	29	28
10	196	165	76	378	126	111	45	36	34
11	256	215	93	504	160	144	54	44	40
12	329	276	112	714	210	186	66	53	50
13	416	349	133	924	260	234	78	63	60
14	519	435	157	1254	330	291	93	74	70
15	640	536	184	1584	400	360	108	87	80
16	781	654	214	2079	495	438	126	101	95
17	944	790	247	2574	590	528	144	116	110
18	1131	946	283	3289	·715	634	166	133	125
19	1344	1124	322	4004	840	752	188	151	140
20	1586	1326	364	5005	1001	886	214	171	161
21	1859	1554	410	6006	1162	1040	240	193	182
22	2166	1810	460	7371	1365	1210	270	216	203
23	2509	2096	514	8736	1568	1400	300	241	224
24	2891	2415	572	10556	1820	1615	335	268	252
25	3315	2769	634	12376	2072	1850	370	297	280
26	3784	3160	700	14756	2380	2110	410	328	308
27	4301	3591	770	17136	2688	2400	450	361	336
28	4869	4065	845	20196	3060	2715	495	396	372
29	5491	4584	925	23256	3432	3060	540	433	408
30	6171	5151	1010	27132	3876	3441	591	473	444
31	6912	5769	1100	31008	4320	3852	642	515	480
32	7718	6441	1195	35853	4845	4299	699	559	525
33	8592	7170	1295	40698	5370	4788	756	606	570
34	9538	7959	1400	46683	5985	5313	819	655	615
35	10560	8811	1511	52668	6600	5880	882	707	660
36	11662	9730	1628	59983	7315	6496	952	762	715
37	12848	10719	1751	67298	8030	7154	1022	819	770
38	14122	11781	1880	76153	8855	7861	1099	879	825
39	15488	12920	2015	85008	9680	8624	1176	942	880
40	16951	14140	2156	95634	10626	9436	1260	1008	946
41	18515	15444	2303	106260	11572	10304	1344	1077	1012
42	20185	16836	2457	118910	12650	11236	1436	1149	1078
43	21965	18320	2618	131560	13728	12224	1528	1224	1144
44	23860	19900	2786	146510	14950	13276	1628	1302	1222
45	25875	21580	2961	161460	16172	14400	1728	1384	1300
46	28015	23364	3143	179010	17550	15588	1836	1469	1378
47	30285	25256	3332	196560	18928	16848	1944	1557	1456
48	32690	27261	3528	217035	20475	18189	2061	1649	1547
49	35235	29383	3732	237510	22022	19602	2178	1744	1638

Col : 109 — 117

n	118	119	120	121	122	123	124	125	126	127	128
0	1	1	1	1	1	1	1	1	1	1	1
1	2	1	1	1	1	1	1	1	1	0	0
2	3	4	3	2	2	1	1	1	1	5	3
3	4	5	3	3	2	4	2	1	1	0	0
4	5	11	6	5	3	4	2	2	1	15	7
5	6	14	7	6	3	4	4	3	1	0	0
6	7	25	11	9	4	10	4	3	1	35	13
7	8	31	13	11	5	10	4	3	1	0	0
8	10	49	18	15	6	10	4	4	1	70	22
9	12	60	21	18	7	20	6	5	2	0	0
10	14	87	28	23	8	20	6	6	2	126	34
11	16	105	32	27	9	20	6	6	2	0	0
12	18	144	41	34	10	35	9	7	2	210	50
13	20	171	46	39	11	35	9	8	2	0	0
14	22	225	57	47	13	35	9	9	2	330	70
15	24	264	64	54	14	56	12	10	2	0	0
16	27	336	77	64	16	56	12	11	2	495	95
17	30	390	86	72	17	56	12	12	2	0	0
18	33	484	101	84	19	84	16	13	3	715	125
19	36	556	112	94	20	84	16	14	3	0	0
20	39	676	130	108	22	84	16	16	3	1001	161
21	42	770	143	120	24	120	20	17	3	0	0
22	45	920	164	136	26	120	20	18	3	1365	203
23	48	1040	179	150	28	120	20	19	3	0	0
24	52	1225	203	169	30	165	25	21	3	1820	252
25	56	1375	221	185	32	165	25	23	3	0	0
26	60	1600	248	206	34	165	25	24	3	2380	308
27	64	1785	269	225	36	220	30	25	4	0	0
28	68	2055	299	249	39	220	30	27	4	3060	372
29	72	2280	323	270	41	220	30	29	4	0	0
30	76	2601	357	297	44	286	36	31	4	3876	444
31	80	2871	384	321	46	286	36	32	4	0	0
32	85	3249	422	351	49	286	36	34	4	4845	525
33	90	3570	452	378	51	364	42	36	4	0	0
34	95	4011	494	411	54	364	42	38	4	5985	615
35	100	4389	528	441	57	364	42	40	4	0	0
36	105	4900	574	478	60	455	49	42	5	7315	715
37	110	5341	612	511	63	455	49	44	5	0	0
38	115	5929	662	551	66	455	49	46	5	8855	825
39	120	6440	704	588	69	560	56	48	5	0	0
40	126	7112	759	632	72	560	56	51	5	10626	946
41	132	7700	805	672	75	560	56	53	5	0	0
42	138	8464	865	720	79	680	64	55	5	12650	1078
43	144	9136	915	764	82	680	64	57	5	0	0
44	150	10000	980	816	86	680	64	60	6	14950	1222
45	156	10764	1035	864	89	816	72	63	6	0	0
46	162	11736	1105	920	93	816	72	65	6	17550	1378
47	168	12600	1165	972	96	816	72	67	6	0	0
48	175	13689	1240	1033	100	969	81	70	6	20475	1547
49	182	14661	1305	1089	104	969	81	73	6	0	0

Col : 118 — 128

n	129	130	131	132	133	134	135	136	137	138	139
0	1	1	1	1	1	1	1	1	1	1	1
1	0	0	0	0	0	0	0	0	0	0	11
2	2	2	1	1	1	0	0	0	0	0	66
3	2	0	1	0	0	2	1	0	0	0	286
4	3	3	1	3	1	1	0	1	0	0	1001
5	4	0	2	0	0	0	0	0	2	0	3003
6	7	5	2	3	1	3	1	1	0	0	8008
7	6	0	2	0	0	2	1	0	0	0	19448
8	11	7	3	6	2	1	0	1	0	0	43758
9	12	0	3	0	0	4	1	0	0	0	92378
10	15	9	4	6	2	3	1	1	3	1	184756
11	18	0	4	0	0	2	0	0	0	0	352716
12	24	12	5	10	2	6	1	2	0	0	646646
13	24	0	5	0	0	4	1	0	0	0	1144066
14	33	15	6	10	2	3	1	1	0	0	1961256
15	36	0	7	0	0	8	1	0	4	0	3268760
16	42	18	7	15	3	6	1	2	0	0	5311735
17	48	0	8	0	0	4	1	0	0	0	8436285
18	58	22	9	15	3	10	1	2	0	0	13123110
19	60	0	9	0	0	8	1	0	0	0	20030010
20	74	26	11	21	3	6	1	2	5	1	30045015
21	80	0	11	0	0	12	2	0	0	0	44352165
22	90	30	12	21	3	10	1	2	0	0	64512240
23	100	0	13	0	0	8	1	0	0	0	92561040
24	115	35	14	28	4	15	2	3	0	0	131128140
25	120	0	15	0	0	12	1	0	6	0	18357939(
26	140	40	16	28	4	10	1	2	0	0	254186856
27	150	0	17	0	0	18	2	0	0	0	348330136
28	165	45	18	36	4	15	2	3	0	0	472733756
29	180	0	19	0	0	12	1	0	0	0	635745396
30	201	51	21	36	4	21	2	3	7	1	847660528
31	210	0	21	0	0	18	2	0	0	0	1121099408
32	237	57	23	45	5	15	1	3	0	0	1471442973
33	252	0	24	0	0	24	2	0	0	0	1917334783
34	273	63	25	45	5	21	2	3	0	0	2481256778
35	294	0	27	0	0	18	2	0	8	0	3190187286
36	322	70	28	55	5	28	2	4	0	0	4076350421
37	336	0	29	0	0	24	2	0	0	0	5178066751
38	371	77	31	55	5	21	2	3	0	0	6540715896
39	392	0	32	0	0	32	2	0	0	0	8217822536
40	420	84	34	66	6	28	2	4	9	1	1 0272278170
41	448	0	35	0	0	24	2	0	0	0	1 2777711870
42	484	92	37	66	6	36	3	4	0	0	1 5820024220
43	504	0	38	0	0	32	2	0	0	0	1 9499099620
44	548	100	40	78	6	28	2	4	0	0	2 3930713170
45	576	0	42	0	0	40	3	0	10	0	2 9248649430
46	612	108	43	78	6	36	2	4	0	0	3 5607031480
47	648	0	45	0	0	32	2	0	0	0	4 3183019880
48	693	117	47	91	7	45	3	5	0	0	5 2179482355
49	720	0	48	0	0	40	3	0	0	0	6 2828356305

Col : 129—139

n	140	141	142	143	144
0	1	1	1	1	1
1	9	8	7	7	6
2	46	36	30	28	22
3	174	121	98	84	63
4	541	338	269	211	154
5	1461	828	651	469	336
6	3544	1837	1432	952	673
7	7896	3770	2920	1800	1260
8	16414	7263	5598	3214	2233
9	32206	13277	10194	5474	3781
10	60172	23218	17772	8960	6160
11	107788	39087	29844	14176	9709
12	186142	63665	48510	21778	14869
13	311278	100738	76626	32606	22204
14	505912	155367	118008	47720	32425
15	801592	234209	177672	68440	46417
16	1241383	345895	262119	96391	65269
17	1883167	501471	379665	133553	90307
18	2803658	714909	540826	182316	123131
19	4103242	1003695	758758	245540	165655
20	5911763	1389501	1049763	326621	220151
21	8395387	1898949	1433861	429563	289297
22	11764688	2564475	1935440	559056	376229
23	16284112	3425301	2583984	720560	484597
24	22282988	4528524	3414892	920396	618626
25	30168268	5930331	4470388	1165844	783181
26	40439192	7697349	5800536	1465248	983837
27	53704088	9908140	7464360	1828128	1226954
28	70699532	12654851	9531084	2265300	1519757
29	92312108	16045029	12081492	2789004	1870421
30	119603024	20203612	15209424	3413040	2288162
31	153835856	25275107	19023408	4152912	2783333
32	196507709	31425966	23648445	5025981	3367526
33	249384101	38847172	29227947	6051627	4053680
34	314537894	47757047	35925846	7251420	4856195
35	394392614	58404294	43928874	8649300	5791052
36	491770521	71071286	53449033	10271767	6875940
37	609945809	86077615	64726255	12148081	8130389
38	752703336	103783914	78031272	14310472	9575910
39	924403304	124595966	93668696	16794360	11236142
40	1130052330	148969114	111980330	19638586	13137006
41	1375381370	177412986	133348710	22885654	15306866
42	1666930980	210496550	158200900	26581984	17776698
43	2012144420	248853514	187012540	30778176	20580266
44	2419469130	293188086	220312170	35529286	23754306
45	2898467130	344281110	258685830	40895114	27338718
46	3459934920	402996594	302781960	46940504	31376766
47	4116033480	470288646	353316600	53735656	35915286
48	4880428995	547208835	411078915	61356451	41004903
49	5768444955	634913994	476937045	69884789	46700256

Col : 140 — 144

n	145	146	147	148	149	150
0	1	1	1	1	1	1
1	6	5	5	5	5	4
2	21	18	16	15	15	12
3	56	50	40	37	35	29
4	126	121	87	80	70	62
5	253	261	171	156	126	120
6	468	520	312	283	211	217
7	813	968	536	485	335	370
8	1343	1710	878	792	510	603
9	2128	2886	1382	1244	750	945
10	3256	4692	2104	1891	1071	1434
11	4836	7380	3112	2793	1491	2115
12	7001	11286	4490	4025	2031	3045
13	9911	16830	6338	5677	2715	4290
14	13756	24552	8776	7854	3570	5931
15	18760	35112	11944	10682	4626	8061
16	25185	49335	16007	14308	5916	10791
17	33335	68211	21155	18900	7476	14247
18	43560	92950	27608	24654	9346	18577
19	56260	124982	35616	31794	11570	23947
20	71890	166023	45465	40572	14196	30549
21	90965	218075	57477	51276	17276	38597
22	114065	283504	72016	64230	20866	48335
23	141840	365040	89488	79794	25026	60033
24	175015	465868	110348	98373	29821	73996
25	214396	589628	135100	120417	35321	90559
26	260876	740520	164304	146421	41601	110097
27	315441	923304	198576	176935	48741	133020
28	379176	1143420	238596	212564	56826	159783
29	453271	1406988	285108	253968	65946	190881
30	539028	1720944	338928	301873	76197	226860
31	637868	2093040	400944	357071	87681	268311
32	751338	2531997	472125	420420	100506	315882
33	881118	3047505	553521	492856	114786	370272
34	1029028	3650394	646272	575393	130641	432243
35	1197036	4352634	751608	669123	148197	502614
36	1387266	5167525	870859	775229	167587	582274
37	1602006	6109697	1005455	894985	188951	672175
38	1843716	7195320	1156936	1029756	212436	773346
39	2115036	8442104	1326952	1181012	238196	886886
40	2418795	9869530	1517274	1350328	266392	1013978
41	2758020	11498850	1729794	1539384	297192	1155882
42	3135945	13353340	1966536	1749980	330772	1313950
43	3556020	15458300	2229656	1984036	367316	1489618
44	4021920	17841330	2521454	2243592	407016	1684422
45	4537555	20532330	2844374	2530824	450072	1899990
46	5107080	23563800	3201016	2848044	496692	2138058
47	5734905	26970840	3594136	3197700	547092	2400462
48	6425705	30791475	4026659	3582393	601497	2689155
49	7184430	35066655	4501679	4004877	660141	3006198

Col : 145 — 150

n	151	152	153	154	155	156	157
0	1	1	1	1	1	1	1
1	4	4	4	3	3	3	3
2	11	10	10	10	8	7	7
3	24	21	20	22	16	15	13
4	46	40	35	49	31	28	22
5	81	70	56	91	53	48	34
6	134	115	84	168	88	79	51
7	211	180	121	280	136	123	73
8	319	271	169	462	206	184	102
9	466	395	230	714	298	268	138
10	662	560	306	1092	424	379	183
11	918	775	399	1596	584	523	237
12	1247	1051	511	2310	794	709	303
13	1663	1400	644	3234	1054	943	381
14	2182	1835	801	4488	1384	1234	474
15	2822	2371	985	6072	1784	1594	582
16	3603	3025	1199	8151	2279	2032	708
17	4547	3815	1446	10725	2869	2560	852
18	5678	4761	1729	14014	3584	3194	1018
19	7022	5885	2051	18018	4424	3946	1206
20	8608	7211	2415	23023	5425	4832	1420
21	10467	8765	2825	29029	6587	5872	1660
22	12633	10575	3285	36400	7952	7082	1930
23	15142	12671	3799	45136	9520	8482	2230
24	18033	15086	4371	55692	11340	10097	2565
25	21348	17855	5005	68068	13412	11947	2935
26	25132	21015	5705	82824	15792	14057	3345
27	29433	24606	6475	99960	18480	16457	3795
28	34302	28671	7320	120156	21540	19172	4290
29	39793	33255	8245	143412	24972	22232	4830
30	45964	38406	9255	170544	28848	25673	5421
31	52876	44175	10355	201552	33168	29525	6063
32	60594	50616	11550	237405	38013	33824	6762
33	69186	57786	12845	278103	43383	38612	7518
34	78724	65745	14245	324786	49368	43925	8337
35	89284	74556	15756	377454	55968	49805	9219
36	100946	84286	17384	437437	63283	56301	10171
37	113794	95005	19135	504735	71313	63455	11193
38	127916	106786	21015	580888	80168	71316	12292
39	143404	119706	23030	665896	89848	79940	13468
40	160355	133846	25186	761530	100474	89376	14728
41	178870	149290	27489	867790	112046	99680	16072
42	199055	166126	29946	986700	124696	110916	17508
43	221020	184446	32564	1118260	138424	123140	19036
44	244880	204346	35350	1264770	153374	136416	20664
45	270755	225926	38311	1426230	169546	150816	22392
46	298770	249290	41454	1605240	187096	166404	24228
47	329055	274546	44786	1801800	206024	183252	26172
48	361745	301807	48314	2018835	226499	201441	28233
49	396980	331190	52046	2256345	248521	221043	30411

Col : 151 — 157

n	158	159	160	161	162	163	164	165
0	1	1	1	1	1	1	1	1
1	3	3	3	2	2	2	2	2
2	6	6	6	6	5	4	4	3
3	11	10	10	11	8	7	6	7
4	18	17	15	22	14	12	9	11
5	28	27	21	36	21	18	12	15
6	42	40	28	61	32	27	16	25
7	60	56	36	92	45	38	21	35
8	83	78	46	141	63	53	27	45
9	112	106	58	201	84	71	34	65
10	148	140	72	288	112	94	42	85
11	192	180	88	393	144	121	51	105
12	245	230	106	537	185	155	61	140
13	308	290	126	708	231	194	72	175
14	382	360	148	933	288	241	85	210
15	469	440	172	1197	352	295	99	266
16	570	535	199	1533	429	359	115	322
17	686	645	229	1923	515	431	132	378
18	819	770	262	2407	616	515	151	462
19	970	910	298	2963	728	609	171	546
20	1141	1071	337	3639	858	717	193	630
21	1334	1253	379	4409	1001	837	217	750
22	1550	1456	424	5329	1165	973	243	870
23	1791	1680	472	6369	1344	1123	271	990
24	2059	1932	524	7594	1547	1292	301	11_
25	2356	2212	580	8969	1768	1477	333	13_
26	2684	2520	640	10569	2016	1683	367	1485
27	3045	2856	704	12354	2285	1908	403	1705
28	3441	3228	772	14409	2584	2157	442	1925
29	3874	3636	844	16689	2907	2427	483	2145
30	4347	4080	920	19290	3264	2724	527	2431
31	4862	4560	1000	22161	3648	3045	573	2717
32	5421	5085	1085	25410	4070	3396	622	3003
33	6027	5655	1175	28980	4522	3774	673	3367
34	6682	6270	1270	32991	5016	4185	727	3731
35	7389	6930	1370	37380	5544	4626	784	4095
36	8151	7645	1475	42280	6118	5104	844	4550
37	8970	8415	1585	47621	6730	5615	907	5005
38	9849	9240	1700	53550	7392	6166	973	5460
39	10791	10120	1820	59990	8096	6754	1042	6020
40	11799	11066	1946	67102	8855	7386	1114	6580
41	12876	12078	2078	74802	9660	8058	1189	7140
42	14025	13156	2216	83266	10525	8778	1268	7820
43	15249	14300	2360	92402	11440	9542	1350	8500
44	16551	15522	2510	102402	12420	10358	1436	9180
45	17935	16822	2666	113166	13455	11222	1525	9996
46	19404	18200	2828	124902	14560	12142	1618	10812
47	20961	19656	2996	137502	15725	13114	1714	11628
48	22610	21203	3171	151191	16965	14147	1814	12597
49	24354	22841	3353	165852	18270	15236	1918	13566

n	166	167	168	169	170	171	172	173	174
0	1	1	1	1	1	1	1	1	1
1	2	2	2	1	1	1	1	1	1
2	3	3	3	6	4	3	3	2	2
3	5	4	4	6	4	5	3	3	2
4	7	6	5	21	11	8	6	4	5
5	9	9	6	21	11	12	6	6	5
6	13	12	7	56	24	19	11	8	8
7	17	15	8	56	24	25	11	10	8
8	21	19	9	126	46	36	18	13	14
9	27	24	11	126	46	48	18	16	14
10	33	30	13	252	80	63	27	20	20
11	39	36	15	252	80	81	27	24	20
12	48	43	17	462	130	105	39	29	30
13	57	51	19	462	130	129	39	34	30
14	66	60	21	792	200	162	54	40	40
15	78	70	23	792	200	198	54	47	40
16	90	81	25	1287	295	240	72	54	55
17	102	93	27	1287	295	288	72	62	55
18	118	106	30	2002	420	346	94	71	70
19	134	120	33	2002	420	406	94	80	70
20	150	136	36	3003	581	480	120	91	91
21	170	153	39	3003	581	560	120	102	91
22	190	171	42	4368	784	650	150	114	112
23	210	190	45	4368	784	750	150	127	112
24	235	211	48	6188	1036	865	185	141	140
25	260	234	51	6188	1036	985	185	156	140
26	285	258	54	8568	1344	1125	225	172	168
27	315	283	58	8568	1344	1275	225	189	168
28	345	310	62	11628	1716	1440	270	207	204
29	375	339	66	11628	1716	1620	270	226	204
30	411	370	70	15504	2160	1821	321	247	240
31	447	402	74	15504	2160	2031	321	268	240
32	483	436	78	20349	2685	2268	378	291	285
33	525	472	82	20349	2685	2520	378	315	285
34	567	510	86	26334	3300	2793	441	340	330
35	609	550	90	26334	3300	3087	441	367	330
36	658	592	95	33649	4015	3409	511	395	385
37	707	636	100	33649	4015	3745	511	424	385
38	756	682	105	42504	4840	4116	588	455	440
39	812	730	110	42504	4840	4508	588	487	440
40	868	781	115	53130	5786	4928	672	521	506
41	924	834	120	53130	5786	5376	672	556	506
42	988	889	125	65780	6864	5860	764	593	572
43	1052	946	130	65780	6864	6364	764	631	572
44	1116	1006	135	80730	8086	6912	864	671	650
45	1188	1069	141	80730	8086	7488	864	713	650
46	1260	1134	147	98280	9464	8100	972	756	728
47	1332	1201	153	98280	9464	8748	972	801	728
48	1413	1271	159	118755	11011	9441	1089	848	819
49	1494	1344	165	118755	11011	10161	1089	896	819

Col : 166 — 174

n	175	176	177	178	179	180	181	182	183	184	185	186
0	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	0	0	0	0	0	0
2	2	1	1	1	1	1	4	3	2	2	1	1
3	2	3	2	1	1	1	1	0	1	0	3	1
4	3	4	2	2	1	1	10	6	4	3	1	1
5	3	4	2	2	3	1	4	1	2	0	3	1
6	4	7	3	3	3	1	21	10	7	4	7	3
7	4	9	4	3	3	1	10	3	4	1	3	1
8	6	10	4	4	3	1	39	15	11	5	7	3
9	6	14	5	4	3	1	21	6	7	2	13	3
10	8	17	6	5	6	2	66	22	16	6	7	3
11	8	19	6	5	6	2	39	10	11	3	13	3
12	10	25	7	7	6	2	105	31	23	7	22	6
13	10	29	8	7	6	2	66	15	16	4	13	3
14	12	32	9	8	6	2	159	42	31	9	22	6
15	12	40	10	8	10	2	105	22	23	5	34	6
16	15	46	11	10	10	2	231	55	41	11	22	6
17	15	50	12	10	10	2	159	31	31	6	34	6
18	18	60	13	12	10	2	325	70	53	13	50	10
19	18	68	14	12	10	2	231	42	41	7	34	6
20	21	74	15	14	15	3	445	88	67	15	50	10
21	21	86	17	14	15	3	325	55	53	9	70	10
22	24	96	18	16	15	3	595	109	83	17	50	10
23	24	104	19	16	15	3	445	70	67	11	70	10
24	28	119	21	19	15	3	780	133	102	19	95	15
25	28	131	22	19	21	3	595	88	83	13	70	
26	32	141	23	21	21	3	1005	160	123	21	95	
27	32	159	25	21	21	3	780	109	102	15	125	15
28	36	174	27	24	21	3	1275	190	147	24	95	15
29	36	186	28	24	21	3	1005	133	123	17	125	15
30	40	207	30	27	28	4	1596	224	174	27	161	21
31	40	225	32	27	28	4	1275	160	147	19	125	15
32	45	240	33	30	28	4	1974	262	204	30	161	21
33	45	264	35	30	28	4	1596	190	174	21	203	21
34	50	285	37	33	28	4	2415	304	237	33	161	21
35	50	303	39	33	36	4	1974	224	204	24	203	21
36	55	331	41	37	36	4	2926	350	274	36	252	28
37	55	355	43	37	36	4	2415	262	237	27	203	21
38	60	376	45	40	36	4	3514	400	314	39	252	28
39	60	408	47	40	36	4	2926	304	274	30	308	28
40	66	436	49	44	45	5	4186	455	358	42	252	28
41	66	460	51	44	45	5	3514	350	314	33	303	28
42	72	496	54	48	45	5	4950	515	406	46	372	36
43	72	528	56	48	45	5	4186	400	358	36	308	28
44	78	556	58	52	45	5	5814	580	458	50	372	36
45	78	596	61	52	55	5	4950	455	406	39	444	36
46	84	632	63	56	55	5	6786	650	514	54	372	36
47	84	664	65	56	55	5	5814	515	458	42	444	36
48	91	709	68	61	55	5	7875	725	575	58	525	45
49	91	749	71	61	55	5	6786	580	514	46	444	36

Col : 175 — 186

n	187	188	189	190	191	192	193	194	195
0	1	1	1	1	1	1	1	1	1
1	0	0	0	0	0	0	0	0	12
2	1	1	0	0	0	0	0	0	78
3	0	0	2	1	1	0	0	0	364
4	2	1	0	2	0	1	0	0	1365
5	1	0	1	0	0	0	1	0	4368
6	2	1	3	1	1	0	1	0	12376
7	1	0	0	2	0	1	0	0	31824
8	3	1	2	3	1	1	0	0	75582
9	2	1	4	1	1	0	0	0	167960
10	4	1	1	2	0	0	1	0	352716
11	2	1	3	3	1	1	1	1	705432
12	5	1	5	5	1	1	1	0	1352078
13	3	1	2	2	0	0	0	0	2496144
14	6	1	4	3	1	1	0	0	4457400
15	4	1	7	5	1	1	1	0	7726160
16	7	1	3	7	1	1	1	0	13037895
17	5	1	5	3	1	0	1	0	21474180
18	8	2	9	5	1	1	1	0	34597290
19	6	1	4	7	1	1	0	0	54627300
20	10	2	7	9	1	1	1	0	84672315
21	7	1	11	5	1	1	1	0	129024480
22	11	2	5	7	1	1	1	1	193536720
23	8	1	9	9	1	1	1	0	286097760
24	13	2	13	12	2	1	1	0	417225900
25	10	1	7	7	1	1	1	0	600805296
26	14	2	11	9	1	1	1	0	854992152
27	11	2	15	12	2	1	1	0	1203322288
28	16	2	9	15	1	2	1	0	1676056044
29	13	2	13	9	1	1	1	0	2311801440
30	18	2	18	12	2	1	2	0	3159461968
31	14	2	11	15	1	1	1	0	4280561376
32	20	2	15	18	2	2	1	0	5752004349
33	16	2	21	12	2	1	1	1	7669339132
34	22	2	13	15	1	1	1	0	1 0150595910
35	18	2	18	18	2	2	2	0	1 3340783196
36	24	3	24	22	2	2	2	0	1 7417133617
37	20	2	15	15	1	1	1	0	2 2595200368
38	26	3	21	18	2	1	1	0	2 9135916264
39	22	2	27	22	2	2	1	0	3 7353738800
40	29	3	18	26	2	2	2	0	4 7626016970
41	24	2	24	18	2	1	2	0	6 0403728840
42	31	3	30	22	2	2	2	0	7 6223753060
43	26	2	21	26	2	2	1	0	9 5722852680
44	34	3	27	30	2	2	1	1	11 9653565850
45	29	3	34	22	2	1	2	0	14 8902215280
46	36	3	24	26	2	2	2	0	18 4509266760
47	31	3	30	30	2	2	2	0	22 7692286640
48	39	3	38	35	3	2	2	0	27 9871768995
49	34	3	27	26	2	2	1	0	34 2700125300

Col : 187 — 195

n	196	197	198	199	200
0	1	1	1	1	1
1	10	9	8	8	7
2	56	45	38	36	29
3	230	166	136	120	92
4	771	504	405	331	246
5	2232	1332	1056	800	582
6	5776	3169	2488	1752	1255
7	13672	6939	5408	3552	2515
8	30086	14202	11006	6766	4748
9	62292	27479	21200	12240	8529
10	122464	50697	38972	21200	14689
11	230252	89784	68816	35376	24398
12	416394	153449	117326	57154	39267
13	727672	254187	193952	89760	61471
14	1233584	409554	311960	137480	93896
15	2035176	643763	489632	205920	140313
16	3276559	989658	751751	302311	205582
17	5159726	1491129	1131416	435864	295889
18	7963384	2206038	1672242	618180	419020
19	12066626	3209733	2431000	863720	584675
20	17978389	4599234	3480763	1190341	804826
21	26373776	6498183	4914624	1619904	1094123
22	38138464	9062658	6850064	2178960	1470352
23	54422576	12487959	9434048	2899520	1954949
24	76705564	17016483	12848940	3819916	2573575
25	106873832	22946814	17319328	4985760	3356756
26	147313024	30644163	23119864	6451008	4340593
27	201017112	40552303	30584224	8279136	5567547
28	271716644	53207154	40115308	10544436	7087304
29	364028752	69252183	52196800	13333440	8957725
30	483631776	89455795	67406224	16746480	11245887
31	637467632	114730902	86429632	20899392	14029220
32	833975341	146156868	110078077	25925373	17396746
33	1083359442	185004040	139306024	31977000	21450426
34	1397897336	232761087	175231870	39228420	26306621
35	1792289950	291165381	219160744	47877720	32097673
36	2284060471	362236667	272609777	58149487	38973613
37	2894006280	448314282	337336032	70297568	47104002
38	3646709616	552098196	415367304	84608040	56679912
39	4571112920	676694162	509036000	101402400	67916054
40	5701165250	825663276	621016330	121040986	81053060
41	7076546620	1003076262	754365040	143926640	96359926
42	8743477600	1213572812	912565940	170508624	114136624
43	1 0755622020	1462426326	1099578480	201286800	134716890
44	1 3175091150	1755614412	1319890650	236816086	158471196
45	1 6073558280	2099895522	1578576480	277711200	185809914
46	1 9533493200	2502892116	1881358440	324651704	217186680
47	2 3649526680	2973180762	2234675040	378387360	253101966
48	2 8529955675	3520389597	2645753955	439743811	294106869
49	3 4298400630	4155303591	3122691000	509628600	340807125

Col : 196 — 200

n	201	202	203	204	205	206
0	1	1	1	1	1	1
1	7	6	6	6	6	5
2	28	24	22	21	21	17
3	84	74	62	58	56	46
4	210	195	149	138	126	108
5	463	456	320	294	252	228
6	931	976	632	577	463	445
7	1744	1944	1168	1062	798	815
8	3087	3654	2046	1854	1308	1418
9	5215	6540	3428	3098	2058	2363
10	8471	11232	5532	4989	3129	3797
11	13307	18612	8644	7782	4620	5912
12	20308	29898	13134	11807	6651	8957
13	30219	46728	19472	17484	9366	13247
14	43975	71280	28248	25338	12936	19178
15	62735	106392	40192	36020	17562	27239
16	87920	155727	56199	50328	23478	38030
17	121255	223938	77354	69228	30954	52277
18	164815	316888	104962	93882	40300	70854
19	221075	441870	140578	125676	51870	94801
20	292965	607893	186043	166248	66066	125350
21	383930	825968	243520	217524	83342	163947
22	497995	1109472	315536	281754	104208	212282
23	639835	1474512	405024	361548	129234	272315
24	814850	1940380	515372	459921	159055	346311
	1029246	2530008	650472	580338	194376	436870
	1290122	3270528	814776	726759	235977	546967
27	1605563	4193832	1013352	903694	284718	679987
28	1984739	5337252	1251948	1116258	341544	839770
29	2438010	6744240	1537056	1370226	407490	1030651
30	2977038	8465184	1875984	1672099	483687	1257511
31	3614906	10558224	2276928	2029170	571368	1525822
32	4366244	13090221	2749053	2449590	671874	1841704
33	5247362	16137726	3302574	2942446	786660	2211976
34	6276390	19788120	3948846	3517839	917301	2644219
35	7473426	24140754	4700454	4186962	1065498	3146833
36	8860692	29308279	5571313	4962191	1233085	3729107
37	10462698	35417976	6576768	5857176	1422036	4401282
38	12306414	42613296	7733704	6886932	1634472	5174628
39	14421450	51055400	9060656	8067944	1872668	6061514
40	16840245	60924930	10577930	9418272	2139060	7075492
41	19598265	72423780	12307724	10957656	2436252	8231374
42	22734210	85777120	14274260	12707636	2767024	9545324
43	26290230	101235420	16503916	14691672	3134340	11034942
44	30312150	119076750	19025370	16935264	3541356	12719364
45	34849705	139609080	21869744	19466088	3991428	14619354
46	39956785	163172880	25070760	22314132	4488120	16757412
47	45691690	190143720	28664896	25511832	5035212	19157874
48	52117395	220935195	32691555	29094225	5636709	21847029
49	59301825	256001850	37193234	33099102	6296850	24853227

n	207	208	209	210	211	212
0	1	1	1	1	1	1
1	5	5	5	4	4	4
2	16	15	15	14	12	11
3	40	36	35	36	28	26
4	86	76	70	85	59	54
5	167	146	126	176	112	102
6	301	261	210	344	200	181
7	512	441	331	624	336	304
8	831	712	500	1086	542	488
9	1297	1107	730	1800	840	756
10	1959	1667	1036	2892	1264	1135
11	2877	2442	1435	4488	1848	1658
12	4124	3493	1946	6798	2642	2367
13	5787	4893	2590	10032	3696	3310
14	7969	6728	3391	14520	5080	4544
15	10791	9099	4376	20592	6864	6138
16	14394	12124	5575	28743	9143	8170
17	18941	15939	7021	39468	12012	10730
18	24619	20700	8750	53482	15596	13924
19	31641	26585	10801	71500	20020	17870
20	40249	33796	13216	94523	25445	22702
21	50716	42561	16041	123552	32032	28574
22	63349	53136	19326	159952	39984	35656
23	78491	65807	23125	205088	49504	44138
24	96524	80893	27496	260780	60844	54235
25	117872	98748	32501	328848	74256	66
26	143004	119763	38206	411672	90048	80
27	172437	144369	44681	511632	108528	96696
28	206739	173040	52001	631788	130068	115868
29	246532	206295	60246	775200	155040	138100
30	292496	244701	69501	945744	183888	163773
31	345372	288876	79856	1147296	217056	193298
32	405966	339492	91406	1384701	255069	227122
33	475152	397278	104251	1662804	298452	265734
34	553876	463023	118496	1987590	347820	309659
35	643160	537579	134252	2365044	403788	359464
36	744106	621865	151636	2802481	467071	415765
37	857900	716870	170771	3307216	538384	479220
38	985816	823656	191786	3888104	618552	550536
39	1129220	943362	214816	4554000	708400	630476
40	1289575	1077208	240002	5315530	808874	719852
41	1468445	1226498	267491	6183320	920920	819532
42	1667500	1392624	297437	7170020	1045616	930448
43	1888520	1577070	330001	8288280	1184040	1053588
44	2133400	1781416	365351	9553050	1337414	1190004
45	2404155	2007342	403662	10979280	1506960	1340820
46	2702925	2256632	445116	12584520	1694056	1507224
47	3031980	2531178	489902	14386320	1900080	1690476
48	3393725	2832985	538216	16405155	2126579	1891917
49	3790705	3164175	590262	18661500	2375100	2112960

Col : 207 — 212

n	213	214	215	216	217	218	219
0	1	1	1	1	1	1	1
1	4	4	4	4	3	3	3
2	11	10	10	10	9	8	7
3	24	21	20	20	20	16	14
4	46	39	37	35	42	30	26
5	80	67	64	56	78	51	44
6	131	109	104	84	139	83	71
7	204	169	160	120	231	128	109
8	306	252	238	166	372	191	162
9	444	364	344	224	573	275	233
10	627	512	484	296	861	387	327
11	864	704	664	384	1254	531	448
12	1167	949	894	490	1791	716	603
13	1548	1257	1184	616	2499	947	797
14	2022	1639	1544	764	3432	1235	1038
15	2604	2108	1984	936	4629	1587	1333
16	3312	2678	2519	1135	6162	2016	1692
17	4164	3364	3164	1364	8085	2531	2123
18	5182	4183	3934	1626	10492	3147	2638
19	6388	5153	4844	1924	13455	3875	3247
20	7808	6294	5915	2261	17094	4733	3964
21	9468	7628	7168	2640	21503	5734	4801
22	11398	9178	8624	3064	26832	6899	5774
23	13628	10969	10304	3536	33201	8243	6897
24	16193	13028	12236	4060	40795	9790	8189
25	19128	15384	14448	4640	49764	11558	9666
26	22473	18068	16968	5280	60333	13574	11349
27	26268	21113	19824	5984	72687	15859	13257
28	30558	24554	23052	6756	87096	18443	15414
29	35388	28428	26688	7600	103785	21350	17841
30	40809	32775	30768	8520	123075	24614	20565
31	46872	37637	35328	9520	145236	28262	23610
32	53634	43058	40413	10605	170646	32332	27006
33	61152	49085	46068	11780	199626	36854	30780
34	69489	55767	52338	13050	232617	41870	34965
35	78708	63156	59268	14420	269997	47414	39591
36	88879	71307	66913	15895	312277	53532	44695
37	100072	80277	75328	17480	359898	60262	50310
38	112364	90126	84568	19180	413448	67654	56476
39	125832	100917	94688	21000	473438	75750	63230
40	140560	112716	105754	22946	540540	84605	70616
41	156632	125592	117832	25024	615342	94265	78674
42	174140	139617	130988	27240	698608	104790	87452
43	193176	154866	145288	29600	791010	116230	96994
44	213840	171417	160810	32110	893412	128650	107352
45	236232	189352	177632	34776	1006578	142105	118574
46	260460	208756	195832	37604	1131480	156665	130716
47	286632	229717	215488	40600	1268982	172390	143830
48	314865	252327	236691	43771	1420173	189355	157977
49	345276	276681	259532	47124	1586025	207625	173213

Col : 213—219

n	220	221	222	223	224	225	226
0	1	1	1	1	1	1	1
1	3	3	3	3	3	2	2
2	7	6	6	6	6	8	6
3	13	13	11	10	10	14	10
4	22	24	18	16	15	35	21
5	34	39	27	25	21	56	32
6	50	64	40	37	28	112	56
7	71	99	57	52	36	168	80
8	98	144	78	71	45	294	126
9	132	209	105	95	56	420	172
10	174	294	138	125	69	672	252
11	225	399	177	161	84	924	332
12	286	539	225	204	101	1386	462
13	358	714	282	255	120	1848	592
14	443	924	348	315	141	2640	792
15	542	1190	426	385	164	3432	992
16	657	1512	516	466	189	4719	1287
17	789	1890	618	559	216	6006	1582
18	940	2352	736	665	246	8008	2002
19	1111	2898	870	785	279	10010	2422
20	1304	3528	1020	921	315	13013	3003
21	1521	4278	1190	1074	354	16016	3584
22	1764	5148	1380	1245	396	20384	4368
23	2035	6138	1590	1435	441	24752	5152
24	2336	7293	1825	1646	489	30940	6189
25	2669	8613	2085	1880	540	37128	7256
26	3036	10098	2370	2138	594	45696	8568
27	3439	11803	2685	2421	652	54264	9912
28	3881	13728	3030	2731	714	65892	11628
29	4364	15873	3405	3070	780	77520	13344
30	4891	18304	3816	3440	850	93024	15504
31	5464	21021	4263	3842	924	108528	17664
32	6086	24024	4746	4278	1002	128877	20349
33	6759	27391	5271	4750	1084	149226	23034
34	7486	31122	5838	5260	1170	175560	26334
35	8270	35217	6447	5810	1260	201894	29634
36	9114	39767	7105	6402	1355	235543	33649
37	10021	44772	7812	7038	1455	269192	37664
38	10994	50232	8568	7720	1560	311696	42504
39	12036	56252	9380	8450	1670	354200	47344
40	13150	62832	10248	9231	1785	407330	53130
41	14339	69972	11172	10065	1905	460460	58916
42	15607	77792	12160	10954	2030	526240	65780
43	16957	86292	13212	11900	2160	592020	72644
44	18393	95472	14328	12906	2295	672750	80730
45	19918	105468	15516	13975	2436	753480	88816
46	21536	116280	16776	15109	2583	851760	98280
47	23250	127908	18108	16310	2736	950040	107744
48	25064	140505	19521	17581	2895	1068795	118755
49	26982	154071	21015	18925	3060	1187550	129766

Col : 220 — 226

n	227	228	229	230	231	232	233	234
0	1	1	1	1	1	1	1	1
1	2	2	2	2	2	2	2	2
2	5	5	4	4	4	3	3	3
3	10	8	7	6	6	6	5	4
4	18	14	11	11	9	10	7	6
5	30	20	17	16	12	14	9	8
6	49	31	25	24	16	21	12	11
7	74	42	35	32	20	30	16	14
8	110	60	48	46	26	40	20	18
9	158	78	64	60	32	54	25	22
10	221	105	84	80	40	71	31	27
11	302	132	108	100	48	90	37	32
12	407	171	137	130	58	115	44	39
13	536	210	171	160	68	144	52	46
14	698	264	211	200	80	176	61	54
15	896	318	258	240	92	216	71	62
16	1136	390	312	295	107	262	82	72
17	1424	462	374	350	122	312	94	82
18	1770	556	445	420	140	372	107	94
19	2176	650	525	490	158	440	121	106
20	2656	770	616	581	179	514	136	120
21	3216	890	718	672	200	600	153	134
22	3866	1040	832	784	224	696	171	150
23	4616	1190	959	896	248	800	190	166
24	5481	1375	1100	1036	276	919	211	185
25	6466	1560	1256	1176	304	1050	233	204
26	7591	1785	1428	1344	336	1191	256	225
27	8866	2010	1617	1512	368	1350	281	246
28	10306	2280	1824	1716	404	1524	308	270
29	11926	2550	2050	1920	440	1710	336	294
30	13747	2871	2297	2160	480	1917	366	321
31	15778	3192	2565	2400	520	2142	398	348
32	18046	3570	2856	2685	565	2382	431	378
33	20566	3948	3171	2970	610	2646	466	408
34	23359	4389	3511	3300	660	2931	503	441
35	26446	4830	3878	3630	710	3234	542	474
36	29855	5341	4273	4015	765	3565	583	511
37	33600	5852	4697	4400	820	3920	626	548
38	37716	6440	5152	4840	880	4296	671	588
39	42224	7028	5639	5280	940	4704	718	628
40	47152	7700	6160	5786	1006	5140	767	672
41	52528	8372	6716	6292	1072	5600	818	716
42	58388	9136	7309	6864	1144	6096	872	764
43	64752	9900	7940	7436	1216	6624	928	812
44	71664	10764	8611	8086	1294	7180	986	864
45	79152	11628	9324	8736	1372	7776	1047	916
46	87252	12600	10080	9464	1456	8408	1110	972
47	96000	13572	10881	10192	1540	9072	1175	1028
48	105441	14661	11729	11011	1631	9781	1243	1089
49	115602	15750	12625	11830	1722	10530	1314	1150

Col : 227 — 234

n	235	236	237	238	239	240	241	242	243
0	1	1	1	1	1	1	1	1	1
1	2	2	1	1	1	1	1	1	1
2	3	3	5	4	3	3	2	2	2
3	4	4	6	4	4	3	5	3	2
4	5	5	16	10	8	6	6	4	4
5	8	6	20	11	10	6	9	5	5
6	11	7	41	21	17	10	16	8	7
7	14	8	51	24	21	11	19	9	8
8	17	9	90	39	32	16	26	12	11
9	20	10	111	45	39	18	39	15	13
10	26	12	177	67	55	24	46	18	17
11	32	14	216	77	66	27	59	21	19
12	38	16	321	108	89	34	81	27	24
13	44	18	387	123	105	38	94	30	27
14	50	20	546	165	136	47	116	36	33
15	60	22	651	187	159	52	150	42	37
16	70	24	882	242	200	63	172	48	44
17	80	26	1041	273	231	69	206	54	49
18	90	28	1366	343	284	82	256	64	57
19	100	30	1597	385	325	89	290	70	63
20	115	33	2042	473	392	104	340	80	73
21	130	36	2367	528	445	113	410	90	80
22	145	39	2962	637	528	130	460	100	91
23	160	42	3407	707	595	141	530	110	99
24	175	45	4187	840	697	160	625	125	112
25	196	48	4782	928	780	173	695	135	12
26	217	51	5787	1088	903	194	790	150	1
27	238	54	6567	1197	1005	209	915	165	14
28	259	57	7842	1387	1152	233	1010	180	163
29	280	60	8847	1520	1275	250	1135	195	176
30	308	64	10443	1744	1449	277	1296	216	194
31	336	68	11718	1904	1596	296	1421	231	208
32	364	72	13692	2166	1800	326	1582	252	228
33	392	76	15288	2356	1974	347	1785	273	244
34	420	80	17703	2660	2211	380	1946	294	266
35	456	84	19677	2884	2415	404	2149	315	284
36	492	88	22603	3234	2689	440	2401	343	308
37	528	92	25018	3496	2926	467	2604	364	328
38	564	96	28532	3896	3240	506	2856	392	354
39	600	100	31458	4200	3514	536	3164	420	376
40	645	105	35644	4655	3872	578	3416	448	405
41	690	110	39158	5005	4186	611	3724	476	429
42	735	115	44108	5520	4592	657	4096	512	460
43	780	120	48294	5920	4950	693	4404	540	486
44	825	125	54108	6500	5408	743	4776	576	520
45	880	130	59058	6955	5814	782	5220	612	549
46	935	135	65844	7605	6328	836	5592	648	585
47	990	140	71658	8120	6786	878	6036	684	616
48	1045	145	79533	8845	7361	936	6561	729	655
49	1100	150	86319	9425	7875	982	7005	765	689

Col : 235 — 243

n	244	245	246	247	248	249	250	251	252
0	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	0	0
2	2	1	1	1	1	1	1	6	4
3	2	3	2	2	1	1	1	0	0
4	3	3	4	2	2	1	1	21	11
5	3	4	4	2	2	2	1	0	0
6	4	7	5	3	2	3	1	56	24
7	4	7	7	3	3	3	1	0	0
8	5	9	10	4	4	3	1	126	46
9	6	13	11	5	4	3	1	0	0
10	7	14	13	5	4	4	1	252	80
11	8	17	16	6	5	5	2	0	0
12	9	22	21	7	6	6	2	462	130
13	10	24	23	7	6	6	2	0	0
14	11	28	26	8	7	6	2	792	200
15	12	35	31	9	8	7	2	0	0
16	13	38	38	10	9	8	2	1287	295
17	14	43	41	11	9	9	2	0	0
18	16	52	46	12	10	10	2	2002	420
19	17	56	53	13	11	10	2	0	0
20	19	63	62	14	12	11	2	3003	581
21	20	74	67	15	13	12	2	0	0
22	22	79	74	16	14	13	3	4368	784
23	23	88	83	17	15	14	3	0	0
24	25	10i	95	19	16	15	3	6188	1036
25	26	108	102	20	17	16	3	0	0
26	28	119	111	21	18	17	3	8568	1344
27	30	134	123	23	19	18	3	0	0
28	32	143	138	24	21	19	3	11628	1716
29	34	156	147	25	22	20	3	0	0
30	36	174	159	27	23	22	3	15504	2160
31	38	185	174	28	24	23	3	0	0
32	40	200	192	30	26	24	3	20349	2685
33	42	221	204	32	27	25	4	0	0
34	44	234	219	33	28	26	4	26334	3300
35	46	252	237	35	30	28	4	0	0
36	49	276	259	37	32	30	4	33649	4015
37	51	291	274	38	33	31	4	0	0
38	54	312	292	40	34	32	4	42504	4840
39	56	339	314	42	36	33	4	0	0
40	59	357	340	44	38	35	4	53130	5786
41	61	381	358	46	39	37	4	0	0
42	64	411	380	48	41	39	4	65780	6864
43	66	432	406	50	43	40	4	0	0
44	69	459	436	52	45	41	5	80730	8086
45	72	493	458	54	46	43	5	0	0
46	75	517	484	56	48	45	5	98280	9464
47	78	547	514	58	50	47	5	0	0
48	81	585	549	61	52	49	5	118755	11011
49	84	612	575	63	54	50	5	0	0

Col : 244 — 252

n	253	254	255	256	257	258	259	260	261	262
0	1	1	1	1	1	1	1	1	1	1
1	0	0	0	0	0	0	0	0	0	0
2	3	3	2	2	2	1	1	1	1	1
3	2	0	1	0	0	2	1	0	0	0
4	6	6	3	5	3	2	1	2	1	1
5	6	0	3	0	0	2	1	0	2	0
6	13	11	5	8	4	5	2	3	1	1
7	12	0	5	0	0	4	2	0	2	0
8	24	18	8	14	6	6	2	4	1	1
9	24	0	8	0	0	8	3	0	2	0
10	39	27	12	20	8	9	3	5	4	2
11	42	0	12	0	0	10	3	0	2	0
12	63	39	17	30	10	15	4	7	4	2
13	66	0	17	0	0	14	4	0	2	0
14	96	54	23	40	12	18	5	8	4	2
15	102	0	24	0	0	22	5	0	6	0
16	138	72	30	55	15	24	6	10	4	2
17	150	0	32	0	0	26	6	0	6	0
18	196	94	39	70	18	34	7	12	4	2
19	210	0	41	0	0	34	7	0	6	0
20	270	120	50	91	21	40	8	14	9	3
21	290	0	52	0	0	46	9	0	6	0
22	360	150	62	112	24	50	9	16	9	3
23	390	0	65	0	0	54	10	0	6	0
24	475	185	76	140	28	65	11	19	9	3
25	510	0	80	0	0	66	11	0	12	0
26	615	225	92	168	32	75	12	21	9	0
27	660	0	97	0	0	84	13	0	12	0
28	780	270	110	204	36	90	14	24	9	3
29	840	0	116	0	0	96	14	0	12	0
30	981	321	131	240	40	111	16	27	16	4
31	1050	0	137	0	0	114	16	0	12	0
32	1218	378	154	285	45	126	17	30	16	4
33	1302	0	161	0	0	138	18	0	12	0
34	1491	441	179	330	50	147	19	33	16	4
35	1596	0	188	0	0	156	20	0	20	0
36	1813	511	207	385	55	175	21	37	16	4
37	1932	0	217	0	0	180	22	0	20	0
38	2184	588	238	440	60	196	23	40	16	4
39	2324	0	249	0	0	212	24	0	20	0
40	2604	672	272	506	66	224	25	44	25	5
41	2772	0	284	0	0	236	26	0	20	0
42	3088	764	309	572	72	260	28	48	25	5
43	3276	0	322	0	0	268	28	0	20	0
44	3636	864	349	650	78	288	30	52	25	5
45	3852	0	364	0	0	308	31	0	30	0
46	4248	972	392	728	84	324	32	56	25	5
47	4500	0	409	0	0	340	33	0	30	0
48	4941	1089	439	819	91	369	35	61	25	5
49	5220	0	457	0	0	380	36	0	30	0

Col : 253 — 262

n	263	264	265	266	267	268	269	270	271
0	1	1	1	1	1	1	1	1	1
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	4	2	1	1	0	0	0	0	0
4	0	0	1	0	3	1	0	0	0
5	0	0	1	0	0	0	1	2	0
6	10	4	1	1	0	0	0	0	0
7	0	0	1	0	0	0	0	0	0
8	0	0	2	0	6	2	0	0	0
9	20	6	2	2	0	0	0	0	0
10	0	0	2	0	0	0	1	0	0
11	0	0	2	0	0	0	0	0	0
12	35	9	3	2	10	2	1	3	1
13	0	0	3	0	0	0	0	0	0
14	0	0	3	0	0	0	1	0	0
15	56	12	4	2	0	0	1	0	0
16	0	0	4	0	15	3	0	0	0
17	0	0	4	0	0	0	1	4	0
18	84	16	5	3	0	0	0	0	0
19	0	0	5	0	0	0	1	0	0
20	0	0	6	0	21	3	1	0	0
21	120	20	6	3	0	0	1	0	0
22	0	0	6	0	0	0	1	0	0
23	0	0	7	0	0	0	0	5	1
24	165	25	8	3	28	4	1	0	0
25	0	0	8	0	0	0	1	0	0
26	0	0	8	0	0	0	1	0	0
27	220	30	9	4	0	0	1	0	0
28	0	0	10	0	36	4	1	0	0
29	0	0	10	0	0	0	1	0	0
30	286	36	11	4	0	0	1	6	0
31	0	0	11	0	0	0	1	0	0
32	0	0	12	0	45	5	1	0	0
33	364	42	13	4	0	0	1	0	0
34	0	0	13	0	0	0	1	0	0
35	0	0	14	0	0	0	2	0	0
36	455	49	15	5	55	5	1	7	1
37	0	0	15	0	0	0	1	0	0
38	0	0	16	0	0	0	1	0	0
39	560	56	17	5	0	0	1	0	0
40	0	0	18	0	66	6	2	0	0
41	0	0	18	0	0	0	1	8	0
42	680	64	19	5	0	0	2	0	0
43	0	0	20	0	0	0	1	0	0
44	0	0	21	0	78	6	2	0	0
45	816	72	22	6	0	0	1	0	0
46	0	0	22	0	0	0	2	0	0
47	0	0	23	0	0	0	2	0	1
48	969	81	25	6	91	7	1	9	0
49	0	0	25	0	0	0	2	0	0

Col : 263 — 271