

Генератор гамм

Генерируем 100 гамм с количеством ступеней : 8

Номер гаммы	Положения ступеней по хроморяду
-------------	---------------------------------

1	[1, 2, 3, 4, 7, 10, 11, 12]
2	[1, 3, 6, 8, 9, 10, 11, 12]
3	[1, 2, 4, 7, 8, 9, 11, 12]
4	[1, 2, 7, 8, 9, 10, 11, 12]
5	[1, 2, 3, 4, 7, 8, 10, 11]
6	[1, 2, 4, 5, 6, 7, 9, 12]
7	[1, 2, 3, 5, 7, 8, 9, 12]
8	[1, 2, 3, 4, 5, 8, 10, 11]
9	[1, 2, 3, 5, 6, 8, 9, 10]
10	[1, 2, 3, 4, 8, 9, 11, 12]
11	[1, 2, 3, 4, 5, 6, 7, 10]
12	[1, 2, 3, 4, 5, 7, 9, 11]
13	[1, 2, 3, 5, 6, 7, 9, 11]
14	[1, 3, 5, 6, 7, 9, 11, 12]
15	[1, 2, 3, 4, 6, 8, 9, 12]
16	[1, 3, 4, 6, 9, 10, 11, 12]
17	[1, 2, 3, 4, 6, 7, 8, 9]
18	[1, 3, 4, 5, 6, 7, 10, 12]
19	[1, 3, 4, 7, 9, 10, 11, 12]
20	[1, 4, 5, 7, 8, 9, 10, 12]
21	[1, 2, 3, 5, 6, 8, 9, 12]
22	[1, 4, 5, 6, 7, 8, 9, 11]
23	[1, 2, 3, 5, 7, 8, 10, 12]
24	[1, 3, 4, 5, 8, 10, 11, 12]
25	[1, 2, 4, 5, 6, 9, 11, 12]
26	[1, 2, 6, 7, 8, 9, 11, 12]
27	[1, 2, 3, 4, 6, 7, 8, 11]
28	[1, 2, 7, 8, 9, 10, 11, 12]
29	[1, 3, 4, 6, 7, 8, 10, 12]
30	[1, 2, 7, 8, 9, 10, 11, 12]
31	[1, 3, 5, 6, 7, 9, 11, 12]
32	[1, 2, 4, 5, 6, 8, 9, 11]
33	[1, 3, 4, 5, 6, 7, 11, 12]
34	[1, 2, 5, 6, 8, 9, 11, 12]
35	[1, 3, 7, 8, 9, 10, 11, 12]
36	[1, 2, 3, 4, 5, 9, 10, 11]
37	[1, 2, 3, 4, 5, 6, 10, 12]
38	[1, 3, 5, 6, 7, 8, 10, 11]
39	[1, 2, 3, 4, 6, 9, 11, 12]
40	[1, 2, 5, 7, 8, 9, 11, 12]
41	[1, 2, 3, 4, 5, 7, 8, 11]
42	[1, 2, 3, 4, 6, 8, 10, 12]
43	[1, 2, 5, 6, 7, 8, 9, 10]
44	[1, 3, 4, 6, 8, 10, 11, 12]
45	[1, 3, 4, 6, 7, 8, 10, 11]
46	[1, 2, 3, 4, 5, 7, 8, 9]
47	[1, 3, 4, 5, 6, 7, 9, 11]
48	[1, 2, 3, 5, 6, 7, 10, 12]
49	[1, 2, 4, 5, 6, 8, 9, 10]
50	[1, 2, 4, 7, 8, 9, 11, 12]
51	[1, 2, 3, 4, 6, 7, 11, 12]
52	[1, 2, 3, 5, 6, 8, 9, 12]
53	[1, 2, 4, 5, 8, 9, 10, 12]
54	[1, 2, 6, 7, 8, 10, 11, 12]
55	[1, 2, 4, 5, 6, 8, 9, 12]
56	[1, 2, 3, 7, 9, 10, 11, 12]
57	[1, 3, 6, 7, 8, 9, 10, 12]

58	[1, 2, 4, 5, 6, 7, 8, 11]
59	[1, 3, 4, 5, 9, 10, 11, 12]
60	[1, 2, 5, 6, 7, 9, 11, 12]
61	[1, 4, 7, 8, 9, 10, 11, 12]
62	[1, 3, 4, 5, 7, 8, 10, 11]
63	[1, 3, 4, 6, 7, 8, 10, 11]
64	[1, 2, 3, 6, 9, 10, 11, 12]
65	[1, 2, 3, 4, 5, 6, 9, 12]
66	[1, 2, 3, 5, 7, 8, 11, 12]
67	[1, 2, 6, 7, 8, 9, 10, 11]
68	[1, 3, 6, 7, 9, 10, 11, 12]
69	[1, 2, 3, 6, 8, 9, 10, 11]
70	[1, 2, 5, 6, 7, 8, 10, 12]
71	[1, 3, 4, 5, 7, 10, 11, 12]
72	[1, 2, 3, 5, 6, 7, 9, 10]
73	[1, 2, 3, 4, 7, 9, 10, 12]
74	[1, 2, 5, 6, 7, 8, 9, 10]
75	[1, 2, 3, 5, 6, 7, 9, 12]
76	[1, 2, 3, 4, 6, 7, 11, 12]
77	[1, 3, 5, 6, 8, 9, 10, 12]
78	[1, 2, 5, 7, 8, 9, 10, 11]
79	[1, 2, 3, 5, 6, 7, 10, 12]
80	[1, 3, 4, 5, 7, 9, 10, 12]
81	[1, 3, 5, 6, 7, 8, 9, 10]
82	[1, 2, 3, 5, 7, 9, 10, 11]
83	[1, 2, 4, 5, 6, 10, 11, 12]
84	[1, 3, 4, 8, 9, 10, 11, 12]
85	[1, 3, 4, 5, 6, 8, 10, 12]
86	[1, 2, 3, 6, 7, 8, 9, 12]
87	[1, 3, 4, 6, 8, 9, 10, 11]
88	[1, 2, 3, 4, 6, 7, 9, 10]
89	[1, 2, 3, 5, 6, 10, 11, 12]
90	[1, 2, 3, 4, 6, 10, 11, 12]
91	[1, 2, 3, 4, 8, 9, 10, 11]
92	[1, 2, 3, 4, 5, 6, 11, 12]
93	[1, 2, 4, 5, 6, 7, 9, 11]
94	[1, 4, 5, 7, 8, 9, 10, 11]
95	[1, 2, 4, 6, 7, 9, 10, 11]
96	[1, 2, 6, 7, 8, 9, 11, 12]
97	[1, 4, 5, 6, 7, 10, 11, 12]
98	[1, 2, 3, 4, 7, 8, 9, 10]
99	[1, 3, 5, 6, 7, 8, 9, 12]
100	[1, 5, 6, 7, 8, 10, 11, 12]