Sri Yantra Graph (SYG)

Adjacency List of Sri Yantra Graph (SYG):

Node	Adjacency
1	3, 5
2	3, 8
3	1, 2, 4, 8
4	3, 5, 9, 11
5	1, 4, 6, 12
6	5, 12
7	8, 15
8	2, 3, 7, 9, 15, 16
9	4, 8, 10, 16
10	9, 11, 17, 19
11	4, 10, 12, 20
12	5, 6, 11, 13, 20, 21
13	12, 21
14	15, 30
15	7, 8, 14, 16, 30, 31
16	8, 9, 15, 17, 23, 24
17	10, 16, 18, 24
18	17, 19, 25, 27
19	10, 18, 20, 28
20	11, 12, 19, 21, 28, 29
21	12, 13, 20, 22, 36, 37
22	21, 37
23	16, 24, 31, 32

Node	Adjacency
24	16, 17, 23, 25, 32, 33
25	18, 24, 26, 33
26	25, 27, 39, 40
27	18, 26, 28, 34
28	19, 20, 27, 29, 34, 35
29	20, 28, 35, 36
30	14, 15, 48, 49
31	15, 23, 42, 49
32	23, 24, 42, 43
33	24, 25, 38, 39
34	27, 28, 40, 41
35	28, 29, 46, 47
36	21, 29, 47, 55
37	21, 22, 55, 56
38	33, 39
39	26, 33, 38, 40, 43, 44
40	26, 34, 39, 41, 45, 46
41	34, 40
42	31, 32, 43, 50
43	32, 39, 42, 44, 50, 51
44	39, 43, 45, 52
45	40, 44, 46, 52
46	35, 40, 45, 47, 53, 54

Node	Adjacency
47	35, 36, 46, 54
48	30, 49
49	30, 31, 48, 50, 57, 58
50	42, 43, 49, 51, 58, 59
51	43, 50, 52, 60
52	44, 45, 51, 53
53	46, 52, 54, 60
54	46, 47, 53, 55, 61, 62
55	36, 37, 54, 56, 62, 63
56	37, 55
57	49, 58
58	49, 50, 57, 59, 64, 65
59	50, 58, 60, 66
60	51, 53, 59, 61
61	54, 60, 62, 66
62	54, 55, 61, 63, 67, 68
63	55, 62
64	58, 65
65	58, 64, 66, 69
66	59, 61, 65, 67
67	62, 66, 68, 69
68	62, 67
69	65, 67

Dual of Sri Yantra Graph (SYD)

Vertex of SGD	Face in SYG	Degree
1	(1, 3), (3, 2), (2, 8), (8, 7), (7, 15), (15, 14), (14, 33), (33, 48), (48, 49), (49, 57), (57, 58), (58, 64), (64, 65), (65, 69), (69, 67), (67, 68), (68, 62), (62, 63), (63, 55), (55, 56), (56, 38), (38, 22), (22, 21), (21, 13), (13, 12), (12, 6), (6, 5), (5, 1)	14
2	(1, 5), (5, 4), (4, 3), (3, 1)	3
3	(2, 3), (3, 8), (8, 2)	2
4	(3, 4), (4, 9), (9, 8), (8, 3)	4
5	((4, 5), (5, 12), (12, 11), (11, 4)),	4
6	((4, 11), (11, 10), (10, 9), (9, 4)),	4
7	((5, 6), (6, 12), (12, 5)),	2
8	((7, 8), (8, 15), (15, 7)),	2
9	(8, 9), (9, 16), (16, 8)	3
10	(8, 16), (16, 15), (15, 8)	3
11	(9, 10), (10, 17), (17, 16), (16, 9)	4
12	(10, 11), (11, 20), (20, 19), (19, 10)	4
13	(10, 19), (19, 18), (18, 17), (17, 10)	4
14	(11, 12), (12, 20), (20, 11)	3
15	(12, 13), (13, 21), (21, 12)	2
16	(12, 21), (21, 20), (20, 12)	3
17	(14, 15), (15, 33), (33, 14)	2
18	(15, 16), (16, 23), (23, 34), (34, 15)	4
19	(15, 34), (34, 49), (49, 33), (33, 15)	4
20	(16, 17), (17, 24), (24, 16)	3
21	(16, 24), (24, 23), (23, 16)	3
22	(17, 18), (18, 25), (25, 24), (24, 17)	4
23	(18, 19), (19, 27), (27, 26), (26, 18)	4
24	(18, 26), (26, 25), (25, 18)	3

25	(19, 20), (20, 27), (27, 19)	3
26	(20, 21), (21, 37), (37, 28), (28, 20)	4
27	(20, 28), (28, 27), (27, 20)	3
28	(21, 22), (22, 38), (38, 21)	2
29	(21, 38), (38, 55), (55, 37), (37, 21)	4
30	(23, 24), (24, 29), (29, 35), (35, 23)	4
31	(23, 35), (35, 41), (41, 34), (34, 23)	4
32	(24, 25), (25, 30), (30, 24)	3
33	(24, 30), (30, 29), (29, 24)	3
34	(25, 26), (26, 31), (31, 30), (30, 25)	4
35	(26, 27), (27, 31), (31, 26)	3
36	(27, 28), (28, 36), (36, 32), (32, 27)	4
37	(27, 32), (32, 31), (31, 27)	3
38	(28, 37), (37, 47), (47, 36), (36, 28)	4
39	(29, 30), (30, 39), (39, 29)	3
40	(29, 39), (39, 42), (42, 35), (35, 29)	4
41	(30, 31), (31, 44), (44, 30)	3
42	(30, 44), (44, 43), (43, 39), (39, 30)	4
43	(31, 32), (32, 40), (40, 31)	3
44	(31, 40), (40, 45), (45, 44), (44, 31)	4
45	(32, 36), (36, 46), (46, 40), (40, 32)	4
46	(33, 49), (49, 48), (48, 33)	2
47	(34, 41), (41, 50), (50, 49), (49, 34)	4
48	(35, 42), (42, 41), (41, 35)	3
49	(36, 47), (47, 46), (46, 36)	3
50	(37, 55), (55, 54), (54, 47), (47, 37)	4
51	(38, 56), (56, 55), (55, 38)	2
52	(39, 43), (43, 42), (42, 39)	3
53	(40, 46), (46, 45), (45, 40)	3
54	(41, 42), (42, 50), (50, 41)	3
55	(42, 43), (43, 52), (52, 51), (51, 42)	4

56	(42, 51), (51, 50), (50, 42)	3
57	(43, 44), (44, 45), (45, 52), (52, 43)	4
58	(45, 46), (46, 53), (53, 52), (52, 45)	4
59	(46, 47), (47, 54), (54, 46)	3
60	(46, 54), (54, 53), (53, 46)	3
61	(49, 50), (50, 58), (58, 49)	3
62	(49, 58), (58, 57), (57, 49)	2
63	(50, 51), (51, 60), (60, 59), (59, 50)	4
64	(50, 59), (59, 58), (58, 50)	3
65	(51, 52), (52, 53), (53, 60), (60, 51)	4
66	(53, 54), (54, 61), (61, 60), (60, 53)	4
67	(54, 55), (55, 62), (62, 54)	3
68	(54, 62), (62, 61), (61, 54)	3
69	(55, 63), (63, 62), (62, 55)	2
70	(58, 59), (59, 66), (66, 65), (65, 58)	4
71	(58, 65), (65, 64), (64, 58)	2
72	(59, 60), (60, 61), (61, 66), (66, 59)	4
73	(61, 62), (62, 67), (67, 66), (66, 61)	4
74	(62, 68), (68, 67), (67, 62)	2
75	(65, 66), (66, 67), (67, 69), (69, 65)	3