

*pair	*fam1	*fam29	Sum n
factor	n	n	value
1	0	0	0
7	0	6	6
11	0	10	10
13	0	12	12
17	0	16	16
19	0	18	18
23	0	22	22
29	0	28	28
31	1	29	30
37	1	35	36
41	1	39	40
43	1	41	42
47	1	45	46
49	1	47	48
53	1	51	52
59	1	57	58
61	2	58	60
67	2	64	66
71	2	68	70
73	2	70	72
77	2	74	76
79	2	76	78
83	2	80	82
89	2	86	88
91	3	87	90

*pair	*fam7	*fam23	Sum n
factor	n	n	value
1	0	0	0
7	1	5	6
11	2	8	10
13	3	9	12
17	3	13	16
19	4	14	18
23	5	17	22
29	6	22	28
31	7	23	30
37	8	28	36
41	9	31	40
43	10	32	42
47	10	36	46
49	11	37	48
53	12	40	52
59	13	45	58
61	14	46	60
67	15	51	66
71	16	54	70
73	17	55	72
77	17	59	76
79	18	60	78
83	19	63	82
89	20	68	88
91	21	69	90

*pair	*fam11	*fam19	Sum n
factor	n	n	value
1	0	0	0
7	2	4	6
11	4	6	10
13	4	8	12
17	6	10	16
19	6	12	18
23	8	14	22
29	10	18	28
31	11	19	30
37	13	23	36
41	15	25	40
43	15	27	42
47	17	29	46
49	17	31	48
53	19	33	52
59	21	37	58
61	22	38	60
67	24	42	66
71	26	44	70
73	26	46	72
77	28	48	76
79	28	50	78
83	30	52	82
89	32	56	88
91	33	57	90

*pair	*fam13	*fam17	Sum n
factor	n	n	value
1	0	0	0
7	3	3	6
11	4	6	10
13	5	7	12
17	7	9	16
19	8	10	18
23	9	13	22
29	12	16	28
31	13	17	30
37	16	20	36
41	17	23	40
43	18	24	42
47	20	26	46
49	21	27	48
53	22	30	52
59	25	33	58
61	26	34	60
67	29	37	66
71	30	40	70
73	31	41	72
77	33	43	76
79	34	44	78
83	35	47	82
89	38	50	88
91	39	51	90

*pair balance sum n values is one less then second factor

subtract: factor next - factor current = D ; D + sum current = factor next sum

*pair	*fam1	*fam29	Sum n
factor	n	n	value
19	6	12	18
23	8	14	22
29	10	18	28

current

next

factor next - factor current = D

29	-	23	=	6
22	+	6	=	28
sum				sum
current				next