

Projective plane (order n)

n	v	b	r	k	l

2:	7	7	3	3	1
3:	13	13	4	4	1
4:	21	21	5	5	1
5:	31	31	6	6	1
7:	57	57	8	8	1
8:	73	73	9	9	1
9:	91	91	10	10	1
11:	133	133	12	12	1
13:	183	183	14	14	1

2-subsets					
v	b	r	k	l	

2	1	1	2	1	
3	3	2	2	1	
4	6	3	2	1	
5	10	4	2	1	
6	15	5	2	1	
7	21	6	2	1	
8	28	7	2	1	
9	36	8	2	1	
10	45	9	2	1	
11	55	10	2	1	
12	66	11	2	1	
13	78	12	2	1	
14	91	13	2	1	
15	105	14	2	1	
16	120	15	2	1	
17	136	16	2	1	
18	153	17	2	1	
19	171	18	2	1	
20	190	19	2	1	
21	210	20	2	1	
22	231	21	2	1	
23	253	22	2	1	
24	276	23	2	1	
25	300	24	2	1	
26	325	25	2	1	
27	351	26	2	1	
28	378	27	2	1	
29	406	28	2	1	
30	435	29	2	1	
31	465	30	2	1	
32	496	31	2	1	
33	528	32	2	1	
34	561	33	2	1	
35	595	34	2	1	
36	630	35	2	1	
37	666	36	2	1	

8-subsets					
v	b	r	k	l	

8	1	1	8	1	
9	9	8	8	7	
10	45	36	8	28	
11	165	120	8	84	
12	495	330	8	210	

9-subsets					
v	b	r	k	l	

9	1	1	9	1	
10	10	9	9	8	
11	55	45	9	36	
12	220	165	9	120	
13	715	495	9	330	

10-subsets					
v	b	r	k	l	

10	1	1	10	1	
11	11	10	10	9	
12	66	55	10	45	
13	286	220	10	165	

11-subsets					
v	b	r	k	l	

11	1	1	11	1	
12	12	11	11	10	
13	78	66	11	55	
14	364	286	11	220	

Affine plane (order n)

n	v	b	r	k	l

2:	4	6	3	2	1
3:	9	12	4	3	1
4:	16	20	5	4	1
5:	25	30	6	5	1
7:	49	56	8	7	1
8:	64	72	9	8	1
9:	81	90	10	9	1
11:	121	132	12	11	1
13:	169	182	14	13	1

35-subsets					
v	b	r	k	l	

35	1	1	35	1	
36	36	35	35	34	
37	666	630	35	595	

36-subsets					
v	b	r	k	l	

36	1	1	36	1	
37	37	36	36	35	
38	703	666	36	630	

37-subsets					
v	b	r	k	l	

37	1	1	37	1	
38	38	37	37	36	
39	741	703	37	666	

38-subsets					
v	b	r	k	l	

38	1	1	38	1	
39	39	38	38	37	
40	780	741	38	703	

39-subsets					
v	b	r	k	l	

```
38 703 37 2 1
39 741 38 2 1
40 780 39 2 1
41 820 40 2 1
42 861 41 2 1
43 903 42 2 1
44 946 43 2 1
45 990 44 2 1
-----
```

3-subsets

```
v b r k l
```

```
-----
3 1 1 3 1
4 4 3 3 2
5 10 6 3 3
6 20 10 3 4
7 35 15 3 5
8 56 21 3 6
9 84 28 3 7
10 120 36 3 8
11 165 45 3 9
12 220 55 3 10
13 286 66 3 11
14 364 78 3 12
15 455 91 3 13
16 560 105 3 14
17 680 120 3 15
18 816 136 3 16
19 969 153 3 17
-----
```

4-subsets

```
v b r k l
```

```
-----
4 1 1 4 1
5 5 4 4 3
6 15 10 4 6
7 35 20 4 10
8 70 35 4 15
9 126 56 4 21
10 210 84 4 28
11 330 120 4 36
12 495 165 4 45
13 715 220 4 55
-----
```

5-subsets

```
v b r k l
```

```
-----
```

```
-----
12-subsets
v b r k l
-----
12 1 1 12 1
13 13 12 12 11
14 91 78 12 66
15 455 364 12 286
-----
```

13-subsets

```
v b r k l
```

```
-----
13 1 1 13 1
14 14 13 13 12
15 105 91 13 78
16 560 455 13 364
-----
```

14-subsets

```
v b r k l
```

```
-----
14 1 1 14 1
15 15 14 14 13
16 120 105 14 91
17 680 560 14 455
-----
```

15-subsets

```
v b r k l
```

```
-----
15 1 1 15 1
16 16 15 15 14
17 136 120 15 105
18 816 680 15 560
-----
```

16-subsets

```
v b r k l
```

```
-----
16 1 1 16 1
17 17 16 16 15
18 153 136 16 120
19 969 816 16 680
-----
```

```
25 1 1 25 1
26 26 25 25 24
27 351 325 25 300
-----
```

26-subsets

```
v b r k l
```

```
-----
26 1 1 26 1
27 27 26 26 25
28 378 351 26 325
-----
```

27-subsets

```
v b r k l
```

```
-----
27 1 1 27 1
28 28 27 27 26
29 406 378 27 351
-----
```

28-subsets

```
v b r k l
```

```
-----
28 1 1 28 1
29 29 28 28 27
30 435 406 28 378
-----
```

29-subsets

```
v b r k l
```

```
-----
29 1 1 29 1
30 30 29 29 28
31 465 435 29 406
-----
```

30-subsets

```
v b r k l
```

```
-----
30 1 1 30 1
31 31 30 30 29
32 496 465 30 435
-----
```

31-subsets

```
v b r k l
```

```
-----
```

```
39 1 1 39 1
40 40 39 39 38
41 820 780 39 741
-----
```

40-subsets

```
v b r k l
```

```
-----
40 1 1 40 1
41 41 40 40 39
42 861 820 40 780
-----
```

41-subsets

```
v b r k l
```

```
-----
41 1 1 41 1
42 42 41 41 40
43 903 861 41 820
-----
```

42-subsets

```
v b r k l
```

```
-----
42 1 1 42 1
43 43 42 42 41
44 946 903 42 861
-----
```

43-subsets

```
v b r k l
```

```
-----
43 1 1 43 1
44 44 43 43 42
45 990 946 43 903
-----
```

44-subsets

```
v b r k l
```

```
-----
44 1 1 44 1
45 45 44 44 43
-----
```

45-subsets

```
v b r k l
```

```
-----
```

48 1 1 48 1

49 49 48 48 47

[illegible]

16	.	.	.	.	.	.	.	1	16	120	560	1820	4368	8008	11440	12870	11440	8008	4368	1820	560
120	.	.	.	.	.	.	1														
17	1		17	136	680	2380	6188	12376	19448	24310	24310	19448	12376	6188	2380	6		
80	136	.	.	.	.	.	1														
18	1		18	153	816	3060	8568	18564	31824	43758	48620	43758	31824	18564	8568	3060		
816	.	.	.	.	.	.	1														
19	1		19	171	969	3876	11628	27132	50388	75582	92378	92378	75582	50388	27132	11628	3	
876	969	.	.	.	.	.	1														
20	1		20	190	1140	4845	15504	38760	77520	125970	167960	184756	167960	125970	77520	38760	15504	
4845	.	.	.	.	.	.	1														
21	1		21	210	1330	5985	20349	54264	116280	203490	293930	352716	352716	293930	203490	116280	54264	20
349	5985	.	.	.	.	.	1														