

Table 109b Make_BIM_different Axis: 3rd Parallel Diagonal

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line	Axis # = x	PD	1	15	21	27	33	39	45	51	57	63	69	75	81	87	93	99	105	111	117	123
0	0	0	-1	-225	-441	-729	-1089	-1521	-2025	-2601	-3249	-3969	-4761	-5625	-6561	-7569	-8649	-9801	-11025	-12321	-13689	-15129
1	1	1	1	-224	-440	-728	-1088	-1520	-2024	-2600	-3248	-3968	-4760	-5624	-6560	-7568	-8648	-9800	-11024	-12320	-13688	-15128
2	15	225	224	225	-216	-504	-864	-1296	-1800	-2376	-3024	-3744	-4536	-5400	-6336	-7344	-8424	-9576	-10800	-12096	-13464	-14904
3	21	441	440	216	441	-288	-648	-1080	-1584	-2160	-2808	-3528	-4320	-5184	-6120	-7128	-8208	-9360	-10584	-11880	-13248	-14688
4	27	729	728	504	288	729	-360	-792	-1296	-1872	-2520	-3240	-4032	-4896	-5832	-6840	-7920	-9072	-10296	-11592	-12960	-14400
5	33	1089	1088	864	648	360	1089	-432	-936	-1512	-2160	-2880	-3672	-4536	-5472	-6480	-7560	-8712	-9936	-11232	-12600	-14040
6	39	1521	1520	1296	1080	792	432	1521	-504	-1080	-1728	-2448	-3240	-4104	-5040	-6048	-7128	-8280	-9504	-10800	-12168	-13608
7	45	2025	2024	1800	1584	1296	936	504	2025	-576	-1224	-1944	-2736	-3600	-4536	-5544	-6624	-7776	-9000	-10296	-11664	-13104
8	51	2601	2600	2376	2160	1872	1512	1080	576	2601	-648	-1368	-2160	-3024	-3960	-4968	-6048	-7200	-8424	-9720	-11088	-12528
9	57	3249	3248	3024	2808	2520	2160	1728	1224	648	3249	-720	-1512	-2376	-3312	-4320	-5400	-6552	-7776	-9072	-10440	-11880
10	63	3969	3968	3744	3528	3240	2880	2448	1944	1368	720	3969	-792	-1656	-2592	-3600	-4680	-5832	-7056	-8352	-9720	-11160
11	69	4761	4760	4536	4320	4032	3672	3240	2736	2160	1512	792	4761	-864	-1800	-2808	-3888	-5040	-6264	-7560	-8928	-10368
12	75	5625	5624	5400	5184	4896	4536	4104	3600	3024	2376	1656	864	5625	-936	-1944	-3024	-4176	-5400	-6696	-8064	-9504
13	81	6561	6560	6336	6120	5832	5472	5040	4536	3960	3312	2592	1800	936	6561	-1008	-2088	-3240	-4464	-5760	-7128	-8568
14	87	7569	7568	7344	7128	6840	6480	6048	5544	4968	4320	3600	2808	1944	1008	7569	-1080	-2232	-3456	-4752	-6120	-7560
15	93	8649	8648	8424	8208	7920	7560	7128	6624	6048	5400	4680	3888	3024	2088	1080	8649	-1152	-2376	-3672	-5040	-6480
16	99	9801	9800	9576	9360	9072	8712	8280	7776	7200	6552	5832	5040	4176	3240	2232	1152	9801	-1224	-2520	-3888	-5328
17	105	11025	11024	10800	10584	10296	9936	9504	9000	8424	7776	7056	6264	5400	4464	3456	2376	1224	11025	-1296	-2664	-4104
18	111	12321	12320	12096	11880	11592	11232	10800	10296	9720	9072	8352	7560	6696	5760	4752	3672	2520	1296	12321	-1368	-2808
19	117	13689	13688	13464	13248	12960	12600	12168	11664	11088	10440	9720	8928	8064	7128	6120	5040	3888	2664	1368	13689	-1440
20	123	15129	15128	14904	14688	14400	14040	13608	13104	12528	11880	11160	10368	9504	8568	7560	6480	5328	4104	2808	1440	15129

Table 109b Make_BIM_different Axis: 3rd Parallel Diagonal

To grow PD Col, select and expand to the bottom and then fill left column by autofill, PD column will auto fill from this

\$PD # = x^2 - 16 is formula for expanding Columns, must change 16 -> 25, 36, 49, ... to fill out the grid. Here the resulting PD=Blue 0. Replace these with the actual PD values from Col. C.

One can make a 200x200 BIM, by adding columns out to x^2 - 40000, i.e., Axis Column 200.

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