

Table 110b Make_BIM_different Axis: 2nd Parallel Diagonal

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line	Axis # = x	PD	2	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
0	0	0	-4	-64	-144	-256	-400	-576	-784	-1024	-1296	-1600	-1936	-2304	-2704	-3136	-3600	-4096	-4624	-5184	-5776	-6400
1	2	4	4	-60	-140	-252	-396	-572	-780	-1020	-1292	-1596	-1932	-2300	-2700	-3132	-3596	-4092	-4620	-5180	-5772	-6396
2	8	64	60	64	-80	-192	-336	-512	-720	-960	-1232	-1536	-1872	-2240	-2640	-3072	-3536	-4032	-4560	-5120	-5712	-6336
3	12	144	140	80	144	-112	-256	-432	-640	-880	-1152	-1456	-1792	-2160	-2560	-2992	-3456	-3952	-4480	-5040	-5632	-6256
4	16	256	252	192	112	256	-144	-320	-528	-768	-1040	-1344	-1680	-2048	-2448	-2880	-3344	-3840	-4368	-4928	-5520	-6144
5	20	400	396	336	256	144	400	-176	-384	-624	-896	-1200	-1536	-1904	-2304	-2736	-3200	-3696	-4224	-4784	-5376	-6000
6	24	576	572	512	432	320	176	576	-208	-448	-720	-1024	-1360	-1728	-2128	-2560	-3024	-3520	-4048	-4608	-5200	-5824
7	28	784	780	720	640	528	384	208	784	-240	-512	-816	-1152	-1520	-1920	-2352	-2816	-3312	-3840	-4400	-4992	-5616
8	32	1024	1020	960	880	768	624	448	240	1024	-272	-576	-912	-1280	-1680	-2112	-2576	-3072	-3600	-4160	-4752	-5376
9	36	1296	1292	1232	1152	1040	896	720	512	272	1296	-304	-640	-1008	-1408	-1840	-2304	-2800	-3328	-3888	-4480	-5104
10	40	1600	1596	1536	1456	1344	1200	1024	816	576	304	1600	-336	-704	-1104	-1536	-2000	-2496	-3024	-3584	-4176	-4800
11	44	1936	1932	1872	1792	1680	1536	1360	1152	912	640	336	1936	-368	-768	-1200	-1664	-2160	-2688	-3248	-3840	-4464
12	48	2304	2300	2240	2160	2048	1904	1728	1520	1280	1008	704	368	2304	-400	-832	-1296	-1792	-2320	-2880	-3472	-4096
13	52	2704	2700	2640	2560	2448	2304	2128	1920	1680	1408	1104	768	400	2704	-432	-896	-1392	-1920	-2480	-3072	-3696
14	56	3136	3132	3072	2992	2880	2736	2560	2352	2112	1840	1536	1200	832	432	3136	-464	-960	-1488	-2048	-2640	-3264
15	60	3600	3596	3536	3456	3344	3200	3024	2816	2576	2304	2000	1664	1296	896	464	3600	-496	-1024	-1584	-2176	-2800
16	64	4096	4092	4032	3952	3840	3696	3520	3312	3072	2800	2496	2160	1792	1392	960	496	4096	-528	-1088	-1680	-2304
17	68	4624	4620	4560	4480	4368	4224	4048	3840	3600	3328	3024	2688	2320	1920	1488	1024	528	4624	-560	-1152	-1776
18	72	5184	5180	5120	5040	4928	4784	4608	4400	4160	3888	3584	3248	2880	2480	2048	1584	1088	560	5184	-592	-1216
19	76	5776	5772	5712	5632	5520	5376	5200	4992	4752	4480	4176	3840	3472	3072	2640	2176	1680	1152	592	5776	-624
20	80	6400	6396	6336	6256	6144	6000	5824	5616	5376	5104	4800	4464	4096	3696	3264	2800	2304	1776	1216	624	6400

Table 110b Make_BIM_different Axis: 2nd 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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