

Table55_BIM-GB_IG

Comparing: Running Differences of (Sqr'd Axis #s - sequential PD#s) forms the BIM																														
line	Axis # = x	PD # = x ²	5	5&7	7	7&11	11	11&13	13	13&17	17	17&19	19	19&23	23	23&29	29	29&31	31	31&37	37	37&41	41	41&43	43	43&47	47	47&53	53	
3	0	0	25	Dups: 5 & 7	49	Dups: 7 & 11	121	Dups: 11 & 13	169	Dups: 13 & 17	289	Dups: 17 & 19	361	Dups: 19 & 23	529	Dups: 23 & 29	841	Dups: 29 & 31	961	Dups: 31 & 37	1369	Dups: 37 & 41	1681	Dups: 41 & 43	1849	Dups: 43 & 47	2209	Dups: 47 & 53	2809	
4	1	1	24		48		120		168		288		360		528		840		960		1368		1680		1848		2208		2808	
5	2	4	21		45		117		165		285		357		525		837		957		1365		1677		1845		2205		2805	
6	3	9	16		40		112		160		280		352		520		832		952		1360		1672		1840		2200		2800	
7	4	16	9		33		105		153		273		345		513		825		945		1353		1665		1833		2193		2793	
8	5	25	25	Dup in Line 4	24		96		144		264		336		504		816		936		1344		1656		1824		2184		2784	
9	6	36			13		85		133		253		325		493		805		925		1333		1645		1813		2173		2773	
10	7	49			49		72	Dup in Line 4	120		240		312		480		792		912		1320		1632		1800		2160		2760	
11	8	64					57	Dup in Line 7	105		225		297		465		777		897		1305		1617		1785		2145		2745	
12	9	81				Dup in Line 6	40		88		208	Dup in Line 6	280		448		760		880		1288		1600		1768		2128		2728	
13	10	100					21		69		189		261		429		741		861		1269		1581		1749		2109		2709	
14	11	121					121		48	Dup in Line 4	168	Dup in Line 10	240		408		720	Dup in Line 4	840		1248		1560		1728		2088		2688	
15	12	144							25		145		217		385		697		817		1225		1537		1705		2065		2665	
16	13	169							169	Dup in Line 10	120		192	Dup in Line 4	360		672	Dup in Line 10	792		1200		1512	Dup in Line 4	1680		2040		2640	
17	14	196									93		165		333		645		765		1173		1485		1653		2013		2613	
18	15	225									64		136		304		616		736		1144		1456		1624		1984		2584	
19	16	256									33		105		273		585		705		1113		1425		1593		1953		2553	
20	17	289									289		72	Dup in Line 14	240		552	Dup in Line 16	672		1080		1392	Dup in Line 14	1560		1920		2520	
21	18	324											37		205		517		637		1045		1357		1525		1885		2485	
22	19	361												361		168	Dup in Line 10	480		600		1008	Dup in Line 10	1320		1488	Dup in Line 4	1848	2448	
23	20	400													129		441		561		969		1281		1449		1809		2409	
24	21	441													88		400		520		928		1240		1408	Dup in Line 12	1768		2368	
25	22	484													45		357		477		885		1197		1365		1725		2325	
26	23	529													529		312		432	Dup in Line 14	840		1152	Dup in Line 22	1320	Dup in Line 16	1680		2280	
27	24	576														265		385		793		1105		1273		1633		2233		
28	25	625															216		336		744		1056		1224		1584	Dup in Line 8	2184	
29	26	676														165		285		693		1005		1173		1533		2133		
30	27	729															112		232		640		952		1120		1480		2080	
31	28	784															57		177		585		897		1065		1425		2025	
32	29	841																841		120		528	Dup in Line 26	840		1008		1368		1968
33	30	900																	61		469		781		949		1309		1909	
34	31	961																		961		408		720		888		1248	Dup in Line 22	1848
35	32	1024																			345		657		825		1185		1785	
36	33	1089																			280		592		760	Dup in Line 30	1120		1720	
37	34	1156																			213		525		693		1053		1653	
38	35	1225																			144		456		624		984	Dup in Line 28	1584	
39	36	1296																			73		385		553		913		1513	
40	37	1369																				1369		312		480		840		1440
41	38	1444																					237		405		765		1365	
42	39	1521																					160		328		688		1288	
43	40	1600																					81		249		609		1209	
44	41	1681																						1681		168		528		1128
45	42	1764																							85		445		1045	
46	43	1849																								1849		360		960
47	44	1936																										273		873
48	45	2025																										184		784
49	46	2116																										93		693
50	47	2209																										2209		600
51	48	2304																												505
52	49	2401																												408
53	50	2500																												309
54	51	2601																												208
55	52	2704																												105
56	53	2809																												2809

Table 55

Every PRIME (≥ 3) falls on an Active Row (AR). ARs come in pair sets (ODD—Even—ODD) and they are NEVER ± 3 . ARs may contain a PRIME, a PPT, both or none. Non-ARs fall between the AR pair sets and are ALWAYS ± 3 . They are NOT PRIME.

~ Here we compare the two individual ARs of each pair set — providing that it is PRIME, i.e. ARs that are NOT PRIME are NOT listed — with a Duplicates (Dups) Column between. We are looking to see if, indeed, the "Dups" in every PREVIOUS AR are matched in the NEXT AR. True so far.

~ PRIME Gaps result in jumps to the NEXT AR set that has a PRIME member and that often results in comparing the PREVIOUS and NEXT from different AR sets.

~ Formula: IFERROR("Dup in Line "&MATCH(E, D,0), "")

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