

Table31a\_RunningDifferencesof(SqrdAxiss-sec)(PDs)

Table with 50 columns (Axis #s 0-49) and 50 rows (Axis #s 0-49). The cells contain numerical values representing differences between squared axis values. A large blue box highlights the -24 values on the diagonal from row 1, column 24 to row 24, column 1. The values form a diamond pattern.

The -24 are shown here with BIM to show ARS down to 50

BIM =24 forms the YELLOW Diamond-Cross-Pattern across the BIM with Dark PURPLE Cells being those YELLOW Cells on ARS.

The Lighter PURPLE Bands mark the Active Row Sets (ARs): An ARS has two OUTER ODD#s that bookend a MIDDLE EVEN#.

The YELLOW Diamond Pattern has inbetween points on the Axis #s: 0, 18, 30, 42, ... These are referred to as the Group 1 Set. These are marked with ORANGE on the Axis, and a Light Orange-Red Band.

This gives a nice 2:1:2:1:2:1 Pattern of 2-ODD-AR#s --- 1-ODD-NON-AR# --- 2-ODD-AR#s --- 1-ODD-NON-AR# --- 2-ODD-AR#s --- 1-ODD-NON-AR#.

ALL ARs are NEVER -3, Ds in AR#2 are ALWAYS -24, AND, ALL PPTs and ALL PRIMES are located on ARs: Also: AR-1/24=True.

ALL NON-ARs are ALWAYS +3, As in NON-AR# are ALWAYS -24, AND, NO PPTs and NO PRIMES are located on NON-ARs: Also: AR-1/24=False.

The AR#s-24 and NON-AR#s-24 are TRUE within, but NOT across. The EVENS# also have separate Groups 1 and 2 of the YELLOW Diamond that keeps their #24 as TRUE, but NOT mixable across.

To grow PD Col. select and expand to the bottom and then fill column by autofill, PD column will auto fill from this. SPD # = x^2 - D62 is formula for expanding Columns, drag across to autofill formula on grid. Drag down to autofill remaining cells below. 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. Axis Column 200.

This image shows a vertical strip of a spreadsheet grid. The grid is extremely narrow and tall, containing many rows and columns of small, illegible text and numbers. The colors of the cells are a mix of light yellow, white, and light blue, typical of a spreadsheet interface. The text within the cells is too small to read.



Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024																																																																																															
Population	114,943,752	115,657,362	116,370,972	117,084,582	117,798,192	118,511,802	119,225,412	119,939,022	120,652,632	121,366,242	122,079,852	122,793,462	123,507,072	124,220,682	124,934,292	125,647,902	126,361,512	127,075,122	127,788,732	128,502,342	129,215,952	129,929,562	130,643,172	131,356,782	132,070,392	132,784,002	133,497,612	134,211,222	134,924,832	135,638,442	136,352,052	137,065,662	137,779,272	138,492,882	139,206,492	139,920,102	140,633,712	141,347,322	142,060,932	142,774,542	143,488,152	144,201,762	144,915,372	145,628,982	146,342,592	147,056,202	147,769,812	148,483,422	149,197,032	149,910,642	150,624,252	151,337,862	152,051,472	152,765,082	153,478,692	154,192,302	154,905,912	155,619,522	156,333,132	157,046,742	157,760,352	158,473,962	159,187,572	159,901,182	160,614,792	161,328,402	162,042,012	162,755,622	163,469,232	164,182,842	164,896,452	165,610,062	166,323,672	167,037,282	167,750,892	168,464,502	169,178,112	169,891,722	170,605,332	171,318,942	172,032,552	172,746,162	173,459,772	174,173,382	174,886,992	175,600,602	176,314,212	177,027,822	177,741,432	178,455,042	179,168,652	179,882,262	180,595,872	181,309,482	182,023,092	182,736,702	183,450,312	184,163,922	184,877,532	185,591,142	186,304,752	187,018,362	187,731,972	188,445,582	189,159,192	189,872,802	190,586,412	191,300,022	192,013,632	192,727,242	193,440,852	194,154,462	194,868,072	195,581,682	196,295,292	197,008,902	197,722,512	198,436,122	199,149,732	199,863,342	200,576,952	201,290,562	202,004,172	202,717,782	203,431,392	204,145,002	204,858,612	205,572,222	206,285,832	207,000,000



The image shows a narrow vertical table with a red header and many rows of data. The table is oriented vertically on the page. The header row contains several columns of text, likely representing different categories or variables. The data rows below contain numerical values, possibly representing measurements or counts. The table is too narrow to read the specific text in the header or the values in the rows.



Table31a4\_Simple Equation for Finding ALL NO-PRIMES BASE 1-5

Simple Equation for Finding ALL NO-PRIMES BASE 1														
	->	Lower NO-PRIME-----↓					Upper NO-PRIME-----↓							
line # = x ↓	ODD Axis # = y	6y	*x	-	y	→	NO-PRIME	6y	*x	+	y	→	NO-PRIME	
0		$(6 \times \text{ODD\#})(x) \pm \text{ODD\#} = 6yx \pm y = \text{NO-PRIME}$ Ex: $(6 \times 7)(x) \pm 7 = \text{NO-PRIME}$ $x=1,2,3,\dots$ $y=\text{ODD\#}$												
0	1												9	
1		3	18	18	-	3	→	15	18	18	+	3	→	21
1		5	30	30	-	5	→	25	30	30	+	5	→	35
1		7	42	42	-	7	→	35	42	42	+	7	→	49
1		9	54	54	-	9	→	45	54	54	+	9	→	63
1		11	66	66	-	11	→	55	66	66	+	11	→	77
1		13	78	78	-	13	→	65	78	78	+	13	→	91
1		15	90	90	-	15	→	75	90	90	+	15	→	105
1		17	102	102	-	17	→	85	102	102	+	17	→	119
1		19	114	114	-	19	→	95	114	114	+	19	→	133
2		3	18	36	-	3	→	33	18	36	+	3	→	39
2		5	30	60	-	5	→	55	30	60	+	5	→	65
2		7	42	84	-	7	→	77	42	84	+	7	→	91
2		9	54	108	-	9	→	99	54	108	+	9	→	117
3		3	18	54	-	3	→	51	18	54	+	3	→	57
3		5	30	90	-	5	→	85	30	90	+	5	→	95
4		3	18	72	-	3	→	69	18	72	+	3	→	75
5		3	18	90	-	3	→	87	18	90	+	3	→	93

Table 31a4 50 x 500+

• To grow PD Col, select and expand to the bottom and then fill left column by autofill, PD column will auto fill from this.  
 $6 \times \text{ODD Axis \#} = y' 6$ ;  $6y \times A$ ;  $\text{ODD Axis \#} = y' 6$ ;  $\$D-F$  are the formulas for expanding Columns, drag across to autofill formula on grid. Drag down to autofill remaining cells below.  
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300
301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400
401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500
501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600
601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700
701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800
801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900
901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000

Table with columns labeled A through Z and rows of numerical data. The table contains a grid of numbers, likely representing a data set or a specific mathematical sequence. The numbers are arranged in a regular grid pattern, with each cell containing a single numerical value.