

Table 4

All Primitive Pythagorean Triples →2100						
#	a	b	c=p _{next}	Δ	p-value on Tertiary Branch	p-value on Branch Cluster
			1		Trunk	
1	3	4	5	4	1st	Upper, Middle, Lower
2	5	12	13	8	2nd	Upper
3	8	15	17	4	2nd	Lower
4	7	24	25	8	3rd	Upper-Upper
5	20	21	29	4	2nd	Middle
6	12	35	37	8	3rd	Lower-Lower
7	9	40	41	4		
8	28	45	53	12	3rd *45 *49	Lower-Upper *45 (nPPT) *49/7=7
9	11	60	61	8		
10	16	63	65	4	4th	Lower-Lower-Lower
11	33	56	65		3rd	Upper-Lower
12	48	55	73	8	3rd	Middle-Upper
13	13	84	85	12	*77	*77/7=11 77/11=7
14	36	77	85		3rd	Upper-Middle
15	39	80	89	4	3rd	Lower-Middle
16	65	72	97	8	3rd	Middle-Lower
17	20	99	101	4		
18	60	91	109	8		
19	15	112	113	4		
20	44	117	125	12	*121	*121/11=11
21	88	105	137	12	*129 *133	*129/3=43 *133/7=19
22	17	144	145	8		
23	24	143	145			
24	51	140	149	4		
25	85	132	157	8		
26	119	120	169	12	3rd *161	Middle-Middle *161/7=23
27	52	165	173	4		
28	19	180	181	8		
29	57	176	185	4		
30	104	153	185			
31	95	168	193	8		
32	28	195	197	4		
33	84	187	205	8		
34	133	156	205			
35	21	220	221	16	*209 *217	*209/11=19 *217/7=31
36	140	171	221			
37	60	221	229	8		
38	105	208	233	4		
39	120	209	241	8		
40	32	255	257	16	*245 *253	*245/7=35 *253/11=23
41	23	264	265	8		
42	96	247	265			
43	69	260	269	4		
44	115	252	277	8		
45	160	231	281	4		
46	161	240	289	8		
47	68	285	293	4		
48	136	273	305	12	*301	*301/7=43
49	207	224	305			
50	25	312	313	8		
51	75	308	317	4		
52	36	323	325	8		
53	204	253	325			
54	175	288	337	12	*329	*329/7=47
55	180	299	349	12	*341	*341/11=31
56	225	272	353	4		
57	27	364	365	12	*361	*361/19=19
58	76	357	365			
59	252	275	373	8		
60	135	352	377	4		
61	152	345	377			
62	189	340	389	12	*385	*385/7=55 385/11=35
63	228	325	397	8		
64	40	399	401	4		
65	120	391	409	8		
66	29	420	421	12	*413	*413/7=59
67	87	416	425	4		
68	297	304	425			
69	145	408	433	8		
70	84	437	445	12	*437	*437/19=23
71	203	396	445			
72	280	351	449	4		
73	168	425	457	8		
74	261	380	461	4		
75	31	480	481	20	*469 *473	*469/7=67 *473/11=43
76	319	360	481			
77	44	483	485	4		
78	93	476	485			
79	132	475	493	8		
80	155	468	493			
81	217	456	505	12	*497	*497/7=71
82	336	377	505			
83	220	459	509	4		
84	279	440	521	12	*517	*517/11=47
85	92	525	533	12	*529	*529/23=23
86	308	435	533			
87	341	420	541	8		
88	33	544	545	4		
89	184	513	545			
90	165	532	557	12	*553	*553/7=79
91	276	493	565	8		
92	396	403	565			
93	231	520	569	4		
94	48	575	577	8		
95	368	465	593	16	*581 *589	*581/7=83 *589/19=31
96	240	551	601	8		
97	35	612	613	12	*605	*605/11=55
98	105	608	617	4		
99	336	527	625	8		
100	100	621	629	4		

Table 4

All **PRIMITIVE** Pythagorean Triangles are separated from each other by a Difference (Δ) between successive **c= hypotenuse values** that are multiples of 4, i.e. $1x=4, 2x=8, 3x=12, 4x=16, \dots$ Every possible **PT** is found as a Row on the **BBS-ISL matrix**. ONLY the **PRIMITIVE PTs** are related by this Δ of 4 in the **c= hypotenuse=p_{next} values**.

The Δ Number Pattern Sequence follows: 4-8-4-8-4-8 and where there are *exceptions, the **PPT** are ÷ primarily by 7, 11, 19 and/or 13, 17, 23, ... ODD numbers.
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