

Table 4

All Primitive Pythagorean Triples →2100						
#	a	b	c=p _{next}	Δ	p-value on Tertiary Branch	p-value on Branch Cluster
101	429	460	629			
102	200	609	641	12	*637	*637/7=91 637/13=49
103	315	572	653	12	*649	*649/11=59
104	300	589	661	8		
105	385	552	673	12	*665	*665/7=95 665/19=35
106	52	675	677	4		
107	37	684	685	8		
108	156	667	685			
109	111	680	689	4		
110	400	561	689			
111	185	672	697	8		
112	455	528	697			
113	260	651	701	4		
114	259	660	709	8		
115	333	644	725	16	*713 *721	*713/23=31 *721/7=103
116	364	627	725			
117	108	725	733	8		
118	216	713	745	12	*737	*737/11=67
119	407	624	745			
120	468	595	757	12	*749	*749/7=107
121	39	760	761	4		
122	481	600	769	8		
123	195	748	773	4		
124	56	783	785	12	*781	*781/11=71
125	273	736	785			
126	168	775	793	8		
127	432	665	793			
128	555	572	797	4		
129	280	759	809	12	*805	*805/7=115 805/23=35
130	429	700	821	12	*817	*817/19=43
131	540	629	829	8		
132	41	840	841	12	*833	*833/7=119 833/17=49
133	116	837	845	4		
134	123	836	845			
135	205	828	853	8		
136	232	825	857	4		
137	287	816	865	8		
138	504	703	865			
139	348	805	877	12	*869	*869/11=79
140	369	800	881	4		
141	60	899	901	20	*889 *893	*889/7=127 *893/19=47
142	451	780	901			
143	464	777	905	4		
144	616	663	905			
145	43	924	925	20	*913 *917	*913/11=83 *917/7=131
146	533	756	925			
147	129	920	929	4		
148	215	912	937	8		
149	580	741	941	4		
150	301	900	949	8		
151	420	851	949			
152	615	728	953	4		
153	124	957	965	12	*961	*961/31=31
154	387	884	965			
155	248	945	977	12	*973	*973/7=139
156	473	864	985	8		
157	696	697	985			
158	372	925	997	12	*989	*989/23=43
159	559	840	1009	12	*1001	*1001/7=143 1001/11=91 1001/13=77
160	45	1012	1013	4		
161	660	779	1021	8		
162	64	1023	1025	4		
163	496	897	1025			
164	192	1015	1033	8		
165	315	988	1037	4		
166	645	812	1037			
167	320	999	1049	8		
168	620	861	1061	12		
169	731	780	1069	8		
170	448	975	1073	4		
171	495	952	1073			
172	132	1085	1093	20		
173	585	928	1097	4		
174	47	1104	1105	8		
175	264	1073	1105			
176	576	943	1105			
177	744	817	1105			
178	141	1100	1109	4		
179	235	1092	1117	8		
180	329	1080	1129	12		
181	423	1064	1145	16		
182	704	903	1145			
183	528	1025	1153	8		
184	68	1155	1157	4		
185	765	868	1157			
186	204	1147	1165	8		
187	517	1044	1165			
188	340	1131	1181	16		
189	611	1020	1189	8		
190	660	989	1189			
191	832	855	1193	4		
192	49	1200	1201	8		
193	147	1196	1205	4		
194	476	1107	1205			
195	245	1188	1213	8		
196	705	992	1217	4		
197	140	1221	1229	12		
198	612	1075	1237	8		
199	280	1209	1241	4		
200	441	1160	1241			

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, 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.
Copyright © 2017, Reginald Brooks