

Table 23: Table XXIII. PPTs 1-2100+r-values Prime-PPT++

Primitive Pythagorean Triples 1-2100 + r-values: Prime-PPT								
A	B	C	D	E	F	G	H	I
<i>a</i>	<i>b</i>	<i>c</i>	$r=a+b-c$	$c\downarrow=*c+r$	Prime ?	PPT ?	Both Prime & PPT	r/4
			2	7	+	-	-	0.5
			6	23	+	-	-	1.5
			6	31	+	-	-	1.5
			10	47	+	-	-	2.5
			10	71	+	-	-	2.5
			14	79	+	-	-	3.5
			14	127	+	-	-	3.5
			18	119	-	-	-	4.5
			18	199	+	-	-	4.5
			22	167	+	-	-	5.5
			22	287	-	-	-	5.5
			26	223	+	-	-	6.5
			26	391	-	-	-	6.5
			30	103	+	-	-	7.5
			30	119	-	-	-	7.5
			30	287	-	-	-	7.5
			30	511	-	-	-	7.5
			34	359	+	-	-	8.5
			34	647	+	-	-	8.5
			38	439	+	-	-	9.5
			38	799	-	-	-	9.5
			42	151	+	-	-	10.5
			42	191	+	-	-	10.5
			42	527	-	-	-	10.5
			42	967	+	-	-	10.5
			46	623	-	-	-	11.5
			46	1151	+	-	-	11.5
			50	727	+	-	-	12.5
			50	1351	-	-	-	12.5
			54	839	+	-	-	13.5
			54	1567	+	-	-	13.5
			58	959	-	-	-	14.5
			58	1799	-	-	-	14.5
			62	1087	+	-	-	15.5
			62	2047	-	-	-	15.5
			66	271	+	-	-	16.5
			66	383	+	-	-	16.5
			66	1223	+	-	-	16.5
			70	239	+	-	-	17.5
			70	263	+	-	-	17.5
			70	1367	+	-	-	17.5
			74	1519	-	-	-	18.5
			78	343	-	-	-	19.5
			78	503	+	-	-	19.5
			78	1679	-	-	-	19.5
			82	1847	+	-	-	20.5
			86	2023	-	-	-	21.5
			90	311	+	-	-	22.5
			90	367	+	-	-	22.5
			102	511	-	-	-	25.5
			102	791	-	-	-	25.5
			110	391	-	-	-	27.5
			110	487	+	-	-	27.5
			114	607	+	-	-	28.5
			114	959	-	-	-	28.5
			126	431	+	-	-	31.5
			126	463	+	-	-	31.5
			130	479	+	-	-	32.5
			130	623	-	-	-	32.5
			138	823	+	-	-	34.5
			138	1343	-	-	-	34.5
			150	943	-	-	-	37.5
			150	1559	+	-	-	37.5
			154	527	-	-	-	38.5
			154	599	+	-	-	38.5
			170	679	-	-	-	42.5
			170	943	-	-	-	42.5
			174	1207	-	-	-	43.5
			174	2039	+	-	-	43.5
			182	631	+	-	-	45.5
			182	751	+	-	-	45.5
			186	1351	-	-	-	46.5
			190	791	-	-	-	47.5
			190	1127	-	-	-	47.5
			198	679	-	-	-	49.5
			198	719	+	-	-	49.5
			210	743	+	-	-	52.5
			210	911	+	-	-	52.5
			210	919	+	-	-	52.5
			210	1327	+	-	-	52.5
			210	1663	+	-	-	52.5
			222	1831	+	-	-	55.5
			230	1039	+	-	-	57.5
			230	1543	+	-	-	57.5
			234	799	-	-	-	58.5
			234	887	+	-	-	58.5
			238	863	+	-	-	59.5
			238	1103	+	-	-	59.5
			246	2191	-	-	-	61.5
			266	991	+	-	-	66.5
			266	1303	+	-	-	66.5
			270	1319	+	-	-	67.5
			270	2023	-	-	-	67.5
			286	983	+	-	-	71.5
			286	1031	+	-	-	71.5
			290	1471	+	-	-	72.5
			290	2287	+	-	-	72.5
			306	1063	+	-	-	76.5
			306	1271	-	-	-	76.5
			310	1631	-	-	-	77.5
			322	1271	-	-	-	80.5
			322	1751	-	-	-	80.5
			330	1127	-	-	-	82.5
			330	1231	+	-	-	82.5
			330	1799	-	-	-	82.5
			342	1207	-	-	-	85.5
			342	1487	+	-	-	85.5
			350	1423	+	-	-	87.5
			350	1999	+	-	-	87.5
			370	2159	-	-	-	92.5
			374	1279	-	-	-	93.5
			374	1447	+	-	-	93.5
			378	1583	+	-	-	94.5
			378	2263	-	-	-	94.5
			390	1343	-	-	-	97.5
			390	1399	+	-	-	97.5
			390	2351	+	-	-	97.5
			406	1751	-	-	-	101.5
			414	1519	-	-	-	103.5
			414	1967	-	-	-	103.5
			418	1439	+	-	-	104.5
			418	1679	-	-	-	104.5
			434	1927	-	-	-	108.5
			442	1511	+	-	-	110.5
			442	1631	-	-	-	110.5
			450	1687	-	-	-	112.5
			450	2231	-	-	-	112.5
			462	1607	+	-	-	115.5
			462	1927	-	-	-	115.5
			462	2111	+	-	-	115.5
			494	1687	-	-	-	123.5
			494	1879	+	-	-	123.5
			506	1783	+	-	-	126.5
			506	2191	-	-	-	126.5
			510	1759	+	-	-	127.5
			510	1823	+	-	-	127.5
			518	2503	+	-	-	129.5
			522	2047	-	-	-	130.5
			546	1871	+	-	-	136.5
			546	2143	+	-	-	136.5
			550	1967	-	-	-	137.5
			550	2471	-	-	-	137.5
			558	2239	+	-	-	139.5
			570	1951	+	-	-	142.5
			570	2087	+	-	-	142.5
			594	2159	-	-	-	148.5
			598	2063	+	-	-	149.5
			598	2423	+	-	-	149.5
			630	2647	+	-	-	157.5
			638	2359	-	-	-	159.5
			646	2231	-	-	-	161.5
			646	2303	-	-	-	161.5
			650	2263	-	-	-	162.5
			650	2719	+	-	-	162.5
			682	2567	-	-	-	170.5
			690	2359	-	-	-	172.5
			690	2663	+	-	-	172.5
			702	2471	-	-	-	175.5
			714	2447	+	-	-	178.5
			714	2599	-	-	-	178.5
			754	2687	+	-	-	188.5
			782	2671	+	-	-	195.5
			798	2759	-	-	-	199.5
			798	2839	-	-	-	199.5
			850	2903	+	-	-	212.5

Table XXIII. Primitive Pythagorean Triples 1-2100 + r-values: Prime, PPT, both+++ In Columns ABC (gray), are the PPTs. If they are Pythagorean Primes (P-PPTs)– c-value is Prime – set in GREEN. HERE they are blank.

In Column D, the r-value —  $r=a+b-c$  — is set in BLUE.

Col. E:  $r + c =$  new, larger  $c$  (PURPLE) =  $(a+b+c+r)/2$  = the “step-sister” c-value. It is ALWAYS on an Active Row, and may itself be a PPT, Prime, neither, or both.

Cols. FGH are + (GREEN) if Prime, PPT and/or Both, respectively. White if negative (-).

Col. I reflects the r-values from Col.D, that are ≠4 EVENLY. NONE!

From Table XX notes:

Inconclusive at this point.

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Initial source: <http://www.tsm-resources.com/alists/trip.html>