

Table 93: Mersenne Prime Squares:  $\Delta/12$  and  $\Delta/24$ 

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	p	z	z <sup>2</sup>	x=n <sup>2</sup> *except n=1	$\Delta z^2/12$	$\Delta z^2/24$
#	p	Mp = 2 <sup>p</sup> -1	Mp <sup>2</sup> = MPS	2 <sup>p-1</sup> = 2 <sup>p</sup> /2		
	2	3	9	2		
	3	7	49	4	3.3	1.7
	5	31	961	16	76	38
	7	127	16129	64	1264	632
	13	8191	67092481	4096	5589696	2794848
	17	131071	17179607041	65536	1426042880	713021440
	19	524287	274876858369	262144	21474770944	10737385472
	31	2147483647	46116860141 32420609	1073741824	3843071449379635 20	1921535724689817 60
	61	23058430092 13693951	53169119831 39663487003 54222269399 0401	11529215046 06846976	4430759985949719 5686598801738013 0816	2215379992974859 7843299400869006 5408
	89	61897001964 26901374495 62111	38312388521 64722145895 86755549637 25661930450 5646776321	30948500982 13450687247 81056	3192699043470601 7439389564367497 8141346468569127 32160	1596349521735300 8719694782183748 9070673234284563 66080
	107	16225927682 92133633915 78010288127	26328072917 13929667447 95069209172 83561170115 42341049465 7557168129	81129638414 60668169578 9005144064	2194006076396347 7324385862255273 0806713503984723 2599179325865984	1097003038198173 8662192931127636 5403356751992361 6299589662932992
	127	17014118346 04692317316 87303715884 105727	28948022309 32904885589 27462521719 76962977213 79948920254 64010213945 46514198529	85070591730 23461586584 36518579420 52864	2412335192441893 3985813005796247 9145467135804299 4002702581467574 990746419200	1206167596220946 6992906502898123 9572733567902149 7001351290733787 495373209600

**Table 93: Mersenne Prime Squares:  $\Delta/12$  and  $\Delta/24$ . As shown previously, ALL  $\Delta$  PRIMES  $p>3$  (and their Squares) are  $\div 12$  &  $\div 24$ .**  
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