

Table 144: PN divide by Two until ODD

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line	ROWS = xz = PN			y	PN/2	PN/4	PN/8	PN/16	PN/32	PN/64	PN/128	PN/256	PN/512	PN/1024	PN/2048	PN/4096
	xz + y = PN + znext	x	z													
1	1	1	1	0												
2	2	3	6	1	3											
3	3	5	15	2	7.5											
4	4	7	28	3	14	7	1.875									
5	5	9	45	4	22.5	11.25		2.8125	1.40625							
6	6	11	66	5	33	16.5		4.125	2.0625	1.03125						
7	7	13	91	6	45.5	22.75		5.6875	2.84375	1.421875						
8	8	15	120	7	60	30	15	7.5	3.75	1.875						
9	9	17	153	8	76.5	38.25	19.125	9.5625	4.78125	2.390625	1.1953125					
10	10	19	190	9	95	47.5	23.75	11.875	5.9375	2.96875	1.484375					
11	11	21	231	10	115.5	57.75	28.875	14.4375	7.21875	3.609375	1.8046875					
12	12	23	276	11	138	69	34.5	17.25	8.625	4.3125	2.15625					
13	13	25	325	12	162.5	81.25	40.625	20.3125	10.15625	5.078125	2.5390625					
14	14	27	378	13	189	94.5	47.25	23.625	11.8125	5.90625	2.953125					
15	15	29	435	14	217.5	108.75	54.375	27.1875	13.59375	6.796875	3.3984375					
16	16	31	496	15	248	124	62	31	15.5	7.75	3.875	1.9375				
17	17	33	561	16	280.5	140.25	70.125	35.0625	17.53125	8.765625	4.382125	2.1910625				
18	18	35	630	17	315	157.5	78.75	39.375	19.6875	9.84375	4.921875					
19	19	37	703	18	351.5	175.75	87.875	43.9375	21.96875	10.984375	5.4921875					
20	20	39	780	19	390	195	97.5	48.75	24.375	12.1875	6.09375					
21	21	41	861	20	430.5	215.25	107.625	53.8125	26.90625	13.453125	6.7265625					
22	22	43	946	21	473	236.5	118.25	59.125	29.5625	14.78125	7.390625					
23	23	45	1035	22	517.5	258.75	129.375	64.6875	32.34375	16.171875	8.0859375					
24	24	47	1128	23	564	282	141	70.5	35.25	17.625	8.8125					
25	25	49	1225	24	612.5	306.25	153.125	76.5625	38.28125	19.140625	9.5703125					
26	26	51	1326	25	663	331.5	165.75	82.875	41.4375	20.71875	10.359375					
27	27	53	1431	26	715.5	357.75	178.875	89.4375	44.71875	22.359375	11.1796875					
28	28	55	1540	27	770	385	192.5	96.25	48	24.0625	12.03125					
29	29	57	1653	28	826.5	413.25	206.625	103.3125	51.65625	25.8125	12.9140625					
30	30	59	1770	29	885	442.5	221.25	110.625	55.3125	27.65625	13.828125					
31	31	61	1891	30	945.5	472.75	236.375	118.1875	59.09375	29.546875	14.7734375	7.38671875				
32	32	63	2016	31	1008	504	252	126	63	31.5	15.75	7.875	3.9375	1.96875		
33	33	65	2145	32	1072.5	536.25	268.125	134.0625	67.03125	33.515625	16.7578125	8.37890625	4.18945312	2.09472656	1.04736328	
34	34	67	2278	33	1139	569.5	284.75	142.375	71.1875	35.59375	17.796875	8.8984375	4.44921875	2.22460937	1.11230468	
35	35	69	2415	34	1207.5	603.75	301.875	150.9375	75.46875	37.734375	18.8671875	9.43359375	4.71679687	2.35839843	1.17919921	
36	36	71	2556	35	1278	639	319.5	159.75	79.875	39.9375	19.96875	9.984375	4.9921875	2.49609375	1.24804687	
37	37	73	2701	36	1350.5	675.25	337.625	168.8125	84.40625	42.203125	21.1015625	10.5507812	5.27539062	2.63769531	1.31884765	
38	38	75	2850	37	1425	712.5	356.25	178.125	89.0625	44.53125	22.265625	11.1328125	5.56640625	2.78320312	1.39160156	
39	39	77	3003	38	1501.5	750.75	375.375	187.6875	93.84375	46.921875	23.4609375	11.7304687	5.86523437	2.93261718	1.46630859	
40	40	79	3160	39	1580	790	395	197.5	98.75	49.375	24.6875	12.34375	6.171875	3.0859375	1.54296875	
41	41	81	3321	40	1660.5	830.25	415.125	207.5625	103.78125	51.890625	25.9453125	12.9726562	6.48632812	3.24316406	1.62158203	
42	42	83	3486	41	1743	871.5	435.75	217.875	108.9375	54.46875	27.234375	13.6171875	6.80859375	3.40429687	1.70214843	
43	43	85	3655	42	1827.5	913.75	456.875	228.4375	114.21875	57.109375	28.5546875	14.2773437	7.13867187	3.56933593	1.78466796	
44	44	87	3828	43	1914	957	478.5	239.25	119.625	59.8125	29.90625	14.953125	7.4765625	3.73828125	1.86914062	
45	45	89	4005	44	2002.5	1001.25	500.625	250.3125	125.15625	62.578125	31.2890625	15.6445312	7.82226562	3.91113281	1.95556640	
46	46	91	4186	45	2093	1046.5	523.25	261.625	130.8125	65.40625	32.703125	16.3515625	8.17578125	4.08789062	2.04394531	1.02197265
47	47	93	4371	46	2185.5	1092.75	546.375	273.1875	136.59375	68.296875	34.1484375	17.0742187	8.53710937	4.26855468	2.13427734	1.06713867
48	48	95	4560	47	2280	1140	570	285	142.5	71.25	35.625	17.8125	8.90625	4.453125	2.22605625	1.11328125
49	49	97	4753	48	2376.5	1188.25	594.125	297.0625	148.53125	74.265625	37.1328125	18.5664062	9.28320312	4.64160156	2.32080078	1.16040039
50	50	99	4950	49	2475	1237.5	618.75	309.375	154.6875	77.34375	38.671875	19.3359375	9.66796875	4.83398437	2.41699218	1.20849609
51	51	101	5151	50	2575.5	1287.75	643.875	321.9375	160.96875	80.484375	40.2421875	20.1210937	10.0605468	5.03027343	2.51513671	1.25756835
52	52	103	5356	51	2678	1339	669.5	334.75	167.375	83.6875	41.84375	20.921875	10.4609375	5.23046875	2.61523437	1.30761718
53	53	105	5565	52	2782.5	1391.25	695.625	347.8125	173.90625	86.953125	43.4765625	21.7382812	10.8691406	5.43457031	2.71728515	1.35864257
54	54	107	5778	53	2889	1444.5	722.25	361.125	180.5625	90.28125	45.140625	22.5703125	11.2851562	5.64257812	2.82128906	1.41064453
55	55	109	5995	54	2997.5	1498.75	749.375	374.6875	187.34375	93.671875	46.8359375	23.4179687	11.7089843	5.85449218	2.92724609	1.46362304
56	56	111	6216	55	3108	1554	777	388.5	194.25	97.125	48.5625	24.28125	12.140625	6.0703125	3.03515625	1.51757812
57	57	113	6441	56	3220.5	1610.25	805.125	402.5625	201.28125	100.640625	50.3203125	25.1601562	12.5800781	6.29003906	3.14501953	1.57250976
58	58	115	6670	57	3335	1667.5	833.75	416.875	208.4375	104.21875	52.109375	26.0546875	13.0273437	6.51367187	3.25683593	1.62841796
59	59	117	6903	58	3451.5	1725.75	862.875	431.4375	215.71875	107.859375	53.9296875	26.9648437	13.4824218	6.74121093	3.37060546	1.68530273
60	60	119	7140	59	3570	1785	892.5	446.25	223.125	111.5	55.78125	27.890625	13.9453125	6.97265625	3.48632812	1.74316406
61	61	121	7381	60	3690.5	1845.25	922.625	461.3125	230.65625	115.328125	57.6640625	28.8320312	14.4160156	7.20800781	3.60400390	1.80200195
62	62	123	7626	61	3813	1906.5	953.25	476.625	238.3125	119.1875	59.578125	29.7890625	14.8945312	7.44726562	3.72363281	1.86181640
63	63	125	7875	62	3937.5	1968.75	984.375	492.1875	246.09375	123.09375	61.5234375	30.7671875	15.3808593	7.69042968	3.84521484	1.92260742
64	64	127	8128	63	4064	2032	1016	508	254	127	63.5	31.75	15.875	7.9375	3.96875	1.984375
65	65	129	8385	64	4192.5	2096.25	1048.125	524.0625	262.03125	131.015625	65.5078125	32.7539062	16.3769531	8.18847656	4.09423828	2.04711914
66	66	131	8646	65	4323	2161.5	1080.75	540.375	270.1875	135.09375	67.546875	33.734				