

## 0.1 - 0.9 bar to PSI Conversion Chart

Bar	PSI
0.1	1.45038
0.2	2.90076
0.3	4.35114
0.4	5.80152
0.5	7.2519
0.6	8.70228
0.7	10.15266
0.8	11.60304
0.9	13.05342

## 1 - 9 bar to PSI Conversion Chart

Bar	PSI
1	14.5038
2	29.0076
3	43.5114
4	58.0152
5	72.519
6	87.0228
7	101.5266
8	116.0304
9	130.5342

## 10 - 90 bar to PSI Conversion Chart

Bar	PSI
10	145.038
20	290.076
30	435.114
40	580.152
50	725.19
60	870.228
70	1015.266
80	1160.304
90	1305.342

## 100 - 900 bar to PSI Conversion Chart

Bar	PSI
100	1450.38

200	2900.76								
300	4351.14								
400	5801.52								
500	7251.9								
600	8702.28								
700	10152.66								
800	11603.04								
900	13053.42								

## 0.1 - 250.0 bar to PSI Conversion Chart

Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI
0.1	1.45038	50.1	726.64038	100.1	1451.83038	150.1	2177.02038	200.1	2902.21038
0.2	2.90076	50.2	728.09076	100.2	1453.28076	150.2	2178.47076	200.2	2903.66076
0.3	4.35114	50.3	729.54114	100.3	1454.73114	150.3	2179.92114	200.3	2905.11114
0.4	5.80152	50.4	730.99152	100.4	1456.18152	150.4	2181.37152	200.4	2906.56152
0.5	7.2519	50.5	732.4419	100.5	1457.6319	150.5	2182.8219	200.5	2908.0119
0.6	8.70228	50.6	733.89228	100.6	1459.08228	150.6	2184.27228	200.6	2909.46228
0.7	10.15266	50.7	735.34266	100.7	1460.53266	150.7	2185.72266	200.7	2910.91266
0.8	11.60304	50.8	736.79304	100.8	1461.98304	150.8	2187.17304	200.8	2912.36304
0.9	13.05342	50.9	738.24342	100.9	1463.43342	150.9	2188.62342	200.9	2913.81342
1	14.5038	51	739.6938	101	1464.8838	151	2190.0738	201	2915.2638
1.1	15.95418	51.1	741.14418	101.1	1466.33418	151.1	2191.52418	201.1	2916.71418
1.2	17.40456	51.2	742.59456	101.2	1467.78456	151.2	2192.97456	201.2	2918.16456
1.3	18.85494	51.3	744.04494	101.3	1469.23494	151.3	2194.42494	201.3	2919.61494
1.4	20.30532	51.4	745.49532	101.4	1470.68532	151.4	2195.87532	201.4	2921.06532
1.5	21.7557	51.5	746.9457	101.5	1472.1357	151.5	2197.3257	201.5	2922.5157
1.6	23.20608	51.6	748.39608	101.6	1473.58608	151.6	2198.77608	201.6	2923.96608
1.7	24.65646	51.7	749.84646	101.7	1475.03646	151.7	2200.22646	201.7	2925.41646
1.8	26.10684	51.8	751.29684	101.8	1476.48684	151.8	2201.67684	201.8	2926.86684
1.9	27.55722	51.9	752.74722	101.9	1477.93722	151.9	2203.12722	201.9	2928.31722
2	29.0076	52	754.1976	102	1479.3876	152	2204.5776	202	2929.7676
2.1	30.45798	52.1	755.64798	102.1	1480.83798	152.1	2206.02798	202.1	2931.21798
2.2	31.90836	52.2	757.09836	102.2	1482.28836	152.2	2207.47836	202.2	2932.66836
2.3	33.35874	52.3	758.54874	102.3	1483.73874	152.3	2208.92874	202.3	2934.11874
2.4	34.80912	52.4	759.99912	102.4	1485.18912	152.4	2210.37912	202.4	2935.56912
2.5	36.2595	52.5	761.4495	102.5	1486.6395	152.5	2211.8295	202.5	2937.0195
2.6	37.70988	52.6	762.89988	102.6	1488.08988	152.6	2213.27988	202.6	2938.46988
2.7	39.16026	52.7	764.35026	102.7	1489.54026	152.7	2214.73026	202.7	2939.92026
2.8	40.61064	52.8	765.80064	102.8	1490.99064	152.8	2216.18064	202.8	2941.37064
2.9	42.06102	52.9	767.25102	102.9	1492.44102	152.9	2217.63102	202.9	2942.82102
3	43.5114	53	768.7014	103	1493.8914	153	2219.0814	203	2944.2714
3.1	44.96178	53.1	770.15178	103.1	1495.34178	153.1	2220.53178	203.1	2945.72178
3.2	46.41216	53.2	771.60216	103.2	1496.79216	153.2	2221.98216	203.2	2947.17216
3.3	47.86254	53.3	773.05254	103.3	1498.24254	153.3	2223.43254	203.3	2948.62254

3.4	49.31292	53.4	774.50292	103.4	1499.69292	153.4	2224.88292	203.4	2950.07292
3.5	50.7633	53.5	775.9533	103.5	1501.1433	153.5	2226.3333	203.5	2951.5233
3.6	52.21368	53.6	777.40368	103.6	1502.59368	153.6	2227.78368	203.6	2952.97368
3.7	53.66406	53.7	778.85406	103.7	1504.04406	153.7	2229.23406	203.7	2954.42406
3.8	55.11444	53.8	780.30444	103.8	1505.49444	153.8	2230.68444	203.8	2955.87444
3.9	56.56482	53.9	781.75482	103.9	1506.94482	153.9	2232.13482	203.9	2957.32482
4	58.0152	54	783.2052	104	1508.3952	154	2233.5852	204	2958.7752
4.1	59.46558	54.1	784.65558	104.1	1509.84558	154.1	2235.03558	204.1	2960.22558
4.2	60.91596	54.2	786.10596	104.2	1511.29596	154.2	2236.48596	204.2	2961.67596
4.3	62.36634	54.3	787.55634	104.3	1512.74634	154.3	2237.93634	204.3	2963.12634
4.4	63.81672	54.4	789.00672	104.4	1514.19672	154.4	2239.38672	204.4	2964.57672
4.5	65.2671	54.5	790.4571	104.5	1515.6471	154.5	2240.8371	204.5	2966.0271
4.6	66.71748	54.6	791.90748	104.6	1517.09748	154.6	2242.28748	204.6	2967.47748
4.7	68.16786	54.7	793.35786	104.7	1518.54786	154.7	2243.73786	204.7	2968.92786
4.8	69.61824	54.8	794.80824	104.8	1519.99824	154.8	2245.18824	204.8	2970.37824
4.9	71.06862	54.9	796.25862	104.9	1521.44862	154.9	2246.63862	204.9	2971.82862
5	72.519	55	797.709	105	1522.899	155	2248.089	205	2973.279
5.1	73.96938	55.1	799.15938	105.1	1524.34938	155.1	2249.53938	205.1	2974.72938
5.2	75.41976	55.2	800.60976	105.2	1525.79976	155.2	2250.98976	205.2	2976.17976
5.3	76.87014	55.3	802.06014	105.3	1527.25014	155.3	2252.44014	205.3	2977.63014
5.4	78.32052	55.4	803.51052	105.4	1528.70052	155.4	2253.89052	205.4	2979.08052
5.5	79.7709	55.5	804.9609	105.5	1530.1509	155.5	2255.3409	205.5	2980.5309
5.6	81.22128	55.6	806.41128	105.6	1531.60128	155.6	2256.79128	205.6	2981.98128
5.7	82.67166	55.7	807.86166	105.7	1533.05166	155.7	2258.24166	205.7	2983.43166
5.8	84.12204	55.8	809.31204	105.8	1534.50204	155.8	2259.69204	205.8	2984.88204
5.9	85.57242	55.9	810.76242	105.9	1535.95242	155.9	2261.14242	205.9	2986.33242
6	87.0228	56	812.2128	106	1537.4028	156	2262.5928	206	2987.7828
7.1	102.97698	57.1	828.16698	107.1	1553.35698	157.1	2278.54698	207.1	3003.73698
7.2	104.42736	57.2	829.61736	107.2	1554.80736	157.2	2279.99736	207.2	3005.18736
7.3	105.87774	57.3	831.06774	107.3	1556.25774	157.3	2281.44774	207.3	3006.63774
7.4	107.32812	57.4	832.51812	107.4	1557.70812	157.4	2282.89812	207.4	3008.08812
7.5	108.7785	57.5	833.9685	107.5	1559.1585	157.5	2284.3485	207.5	3009.5385
7.6	110.22888	57.6	835.41888	107.6	1560.60888	157.6	2285.79888	207.6	3010.98888
7.7	111.67926	57.7	836.86926	107.7	1562.05926	157.7	2287.24926	207.7	3012.43926
7.8	113.12964	57.8	838.31964	107.8	1563.50964	157.8	2288.69964	207.8	3013.88964
7.9	114.58002	57.9	839.77002	107.9	1564.96002	157.9	2290.15002	207.9	3015.34002
8	116.0304	58	841.2204	108	1566.4104	158	2291.6004	208	3016.7904
8.1	117.48078	58.1	842.67078	108.1	1567.86078	158.1	2293.05078	208.1	3018.24078
8.2	118.93116	58.2	844.12116	108.2	1569.31116	158.2	2294.50116	208.2	3019.69116
8.3	120.38154	58.3	845.57154	108.3	1570.76154	158.3	2295.95154	208.3	3021.14154
8.4	121.83192	58.4	847.02192	108.4	1572.21192	158.4	2297.40192	208.4	3022.59192
8.5	123.2823	58.5	848.4723	108.5	1573.6623	158.5	2298.8523	208.5	3024.0423
8.6	124.73268	58.6	849.92268	108.6	1575.11268	158.6	2300.30268	208.6	3025.49268
8.7	126.18306	58.7	851.37306	108.7	1576.56306	158.7	2301.75306	208.7	3026.94306
8.8	127.63344	58.8	852.82344	108.8	1578.01344	158.8	2303.20344	208.8	3028.39344
8.9	129.08382	58.9	854.27382	108.9	1579.46382	158.9	2304.65382	208.9	3029.84382

9	130.5342	59	855.7242	109	1580.9142	159	2306.1042	209	3031.2942
9.1	131.98458	59.1	857.17458	109.1	1582.36458	159.1	2307.55458	209.1	3032.74458
9.2	133.43496	59.2	858.62496	109.2	1583.81496	159.2	2309.00496	209.2	3034.19496
9.3	134.88534	59.3	860.07534	109.3	1585.26534	159.3	2310.45534	209.3	3035.64534
9.4	136.33572	59.4	861.52572	109.4	1586.71572	159.4	2311.90572	209.4	3037.09572
9.5	137.7861	59.5	862.9761	109.5	1588.1661	159.5	2313.3561	209.5	3038.5461
9.6	139.23648	59.6	864.42648	109.6	1589.61648	159.6	2314.80648	209.6	3039.99648
9.7	140.68686	59.7	865.87686	109.7	1591.06686	159.7	2316.25686	209.7	3041.44686
9.8	142.13724	59.8	867.32724	109.8	1592.51724	159.8	2317.70724	209.8	3042.89724
9.9	143.58762	59.9	868.77762	109.9	1593.96762	159.9	2319.15762	209.9	3044.34762
10	145.038	60	870.228	110	1595.418	160	2320.608	210	3045.798
10.1	146.48838	60.1	871.67838	110.1	1596.86838	160.1	2322.05838	210.1	3047.24838
10.2	147.93876	60.2	873.12876	110.2	1598.31876	160.2	2323.50876	210.2	3048.69876
10.3	149.38914	60.3	874.57914	110.3	1599.76914	160.3	2324.95914	210.3	3050.14914
10.4	150.83952	60.4	876.02952	110.4	1601.21952	160.4	2326.40952	210.4	3051.59952
10.5	152.2899	60.5	877.4799	110.5	1602.6699	160.5	2327.8599	210.5	3053.0499
10.6	153.74028	60.6	878.93028	110.6	1604.12028	160.6	2329.31028	210.6	3054.50028
10.7	155.19066	60.7	880.38066	110.7	1605.57066	160.7	2330.76066	210.7	3055.95066
10.8	156.64104	60.8	881.83104	110.8	1607.02104	160.8	2332.21104	210.8	3057.40104
10.9	158.09142	60.9	883.28142	110.9	1608.47142	160.9	2333.66142	210.9	3058.85142
11	159.5418	61	884.7318	111	1609.9218	161	2335.1118	211	3060.3018
11.1	160.99218	61.1	886.18218	111.1	1611.37218	161.1	2336.56218	211.1	3061.75218
11.2	162.44256	61.2	887.63256	111.2	1612.82256	161.2	2338.01256	211.2	3063.20256
11.3	163.89294	61.3	889.08294	111.3	1614.27294	161.3	2339.46294	211.3	3064.65294
11.4	165.34332	61.4	890.53332	111.4	1615.72332	161.4	2340.91332	211.4	3066.10332
11.5	166.7937	61.5	891.9837	111.5	1617.1737	161.5	2342.3637	211.5	3067.5537
11.6	168.24408	61.6	893.43408	111.6	1618.62408	161.6	2343.81408	211.6	3069.00408
11.7	169.69446	61.7	894.88446	111.7	1620.07446	161.7	2345.26446	211.7	3070.45446
11.8	171.14484	61.8	896.33484	111.8	1621.52484	161.8	2346.71484	211.8	3071.90484
11.9	172.59522	61.9	897.78522	111.9	1622.97522	161.9	2348.16522	211.9	3073.35522
12	174.0456	62	899.2356	112	1624.4256	162	2349.6156	212	3074.8056
12.1	175.49598	62.1	900.68598	112.1	1625.87598	162.1	2351.06598	212.1	3076.25598
12.2	176.94636	62.2	902.13636	112.2	1627.32636	162.2	2352.51636	212.2	3077.70636
12.3	178.39674	62.3	903.58674	112.3	1628.77674	162.3	2353.96674	212.3	3079.15674
12.4	179.84712	62.4	905.03712	112.4	1630.22712	162.4	2355.41712	212.4	3080.60712
12.5	181.2975	62.5	906.4875	112.5	1631.6775	162.5	2356.8675	212.5	3082.0575
12.6	182.74788	62.6	907.93788	112.6	1633.12788	162.6	2358.31788	212.6	3083.50788
12.7	184.19826	62.7	909.38826	112.7	1634.57826	162.7	2359.76826	212.7	3084.95826
12.8	185.64864	62.8	910.83864	112.8	1636.02864	162.8	2361.21864	212.8	3086.40864
12.9	187.09902	62.9	912.28902	112.9	1637.47902	162.9	2362.66902	212.9	3087.85902
13	188.5494	63	913.7394	113	1638.9294	163	2364.1194	213	3089.3094
13.1	189.99978	63.1	915.18978	113.1	1640.37978	163.1	2365.56978	213.1	3090.75978
13.2	191.45016	63.2	916.64016	113.2	1641.83016	163.2	2367.02016	213.2	3092.21016
13.3	192.90054	63.3	918.09054	113.3	1643.28054	163.3	2368.47054	213.3	3093.66054
13.4	194.35092	63.4	919.54092	113.4	1644.73092	163.4	2369.92092	213.4	3095.11092
13.5	195.8013	63.5	920.9913	113.5	1646.1813	163.5	2371.3713	213.5	3096.5613

13.6	197.25168	63.6	922.44168	113.6	1647.63168	163.6	2372.82168	213.6	3098.01168
13.7	198.70206	63.7	923.89206	113.7	1649.08206	163.7	2374.27206	213.7	3099.46206
13.8	200.15244	63.8	925.34244	113.8	1650.53244	163.8	2375.72244	213.8	3100.91244
13.9	201.60282	63.9	926.79282	113.9	1651.98282	163.9	2377.17282	213.9	3102.36282
14	203.0532	64	928.2432	114	1653.4332	164	2378.6232	214	3103.8132
14.1	204.50358	64.1	929.69358	114.1	1654.88358	164.1	2380.07358	214.1	3105.26358
14.2	205.95396	64.2	931.14396	114.2	1656.33396	164.2	2381.52396	214.2	3106.71396
14.3	207.40434	64.3	932.59434	114.3	1657.78434	164.3	2382.97434	214.3	3108.16434
14.4	208.85472	64.4	934.04472	114.4	1659.23472	164.4	2384.42472	214.4	3109.61472
14.5	210.3051	64.5	935.4951	114.5	1660.6851	164.5	2385.8751	214.5	3111.0651
14.6	211.75548	64.6	936.94548	114.6	1662.13548	164.6	2387.32548	214.6	3112.51548
14.7	213.20586	64.7	938.39586	114.7	1663.58586	164.7	2388.77586	214.7	3113.96586
14.8	214.65624	64.8	939.84624	114.8	1665.03624	164.8	2390.22624	214.8	3115.41624
14.9	216.10662	64.9	941.29662	114.9	1666.48662	164.9	2391.67662	214.9	3116.86662
15	217.557	65	942.747	115	1667.937	165	2393.127	215	3118.317
15.1	219.00738	65.1	944.19738	115.1	1669.38738	165.1	2394.57738	215.1	3119.76738
15.2	220.45776	65.2	945.64776	115.2	1670.83776	165.2	2396.02776	215.2	3121.21776
15.3	221.90814	65.3	947.09814	115.3	1672.28814	165.3	2397.47814	215.3	3122.66814
15.4	223.35852	65.4	948.54852	115.4	1673.73852	165.4	2398.92852	215.4	3124.11852
15.5	224.8089	65.5	949.9989	115.5	1675.1889	165.5	2400.3789	215.5	3125.5689
15.6	226.25928	65.6	951.44928	115.6	1676.63928	165.6	2401.82928	215.6	3127.01928
15.7	227.70966	65.7	952.89966	115.7	1678.08966	165.7	2403.27966	215.7	3128.46966
15.8	229.16004	65.8	954.35004	115.8	1679.54004	165.8	2404.73004	215.8	3129.92004
15.9	230.61042	65.9	955.80042	115.9	1680.99042	165.9	2406.18042	215.9	3131.37042
16	232.0608	66	957.2508	116	1682.4408	166	2407.6308	216	3132.8208
17.1	248.01498	67.1	973.20498	117.1	1698.39498	167.1	2423.58498	217.1	3148.77498
17.2	249.46536	67.2	974.65536	117.2	1699.84536	167.2	2425.03536	217.2	3150.22536
17.3	250.91574	67.3	976.10574	117.3	1701.29574	167.3	2426.48574	217.3	3151.67574
17.4	252.36612	67.4	977.55612	117.4	1702.74612	167.4	2427.93612	217.4	3153.12612
17.5	253.8165	67.5	979.0065	117.5	1704.1965	167.5	2429.3865	217.5	3154.5765
17.6	255.26688	67.6	980.45688	117.6	1705.64688	167.6	2430.83688	217.6	3156.02688
17.7	256.71726	67.7	981.90726	117.7	1707.09726	167.7	2432.28726	217.7	3157.47726
17.8	258.16764	67.8	983.35764	117.8	1708.54764	167.8	2433.73764	217.8	3158.92764
17.9	259.61802	67.9	984.80802	117.9	1709.99802	167.9	2435.18802	217.9	3160.37802
18	261.0684	68	986.2584	118	1711.4484	168	2436.6384	218	3161.8284
18.1	262.51878	68.1	987.70878	118.1	1712.89878	168.1	2438.08878	218.1	3163.27878
18.2	263.96916	68.2	989.15916	118.2	1714.34916	168.2	2439.53916	218.2	3164.72916
18.3	265.41954	68.3	990.60954	118.3	1715.79954	168.3	2440.98954	218.3	3166.17954
18.4	266.86992	68.4	992.05992	118.4	1717.24992	168.4	2442.43992	218.4	3167.62992
18.5	268.3203	68.5	993.5103	118.5	1718.7003	168.5	2443.8903	218.5	3169.0803
18.6	269.77068	68.6	994.96068	118.6	1720.15068	168.6	2445.34068	218.6	3170.53068
18.7	271.22106	68.7	996.41106	118.7	1721.60106	168.7	2446.79106	218.7	3171.98106
18.8	272.67144	68.8	997.86144	118.8	1723.05144	168.8	2448.24144	218.8	3173.43144
18.9	274.12182	68.9	999.31182	118.9	1724.50182	168.9	2449.69182	218.9	3174.88182
19	275.5722	69	1000.7622	119	1725.9522	169	2451.1422	219	3176.3322
19.1	277.02258	69.1	1002.21258	119.1	1727.40258	169.1	2452.59258	219.1	3177.78258

19.2	278.47296	69.2	1003.66296	119.2	1728.85296	169.2	2454.04296	219.2	3179.23296
19.3	279.92334	69.3	1005.11334	119.3	1730.30334	169.3	2455.49334	219.3	3180.68334
19.4	281.37372	69.4	1006.56372	119.4	1731.75372	169.4	2456.94372	219.4	3182.13372
19.5	282.8241	69.5	1008.0141	119.5	1733.2041	169.5	2458.3941	219.5	3183.5841
19.6	284.27448	69.6	1009.46448	119.6	1734.65448	169.6	2459.84448	219.6	3185.03448
19.7	285.72486	69.7	1010.91486	119.7	1736.10486	169.7	2461.29486	219.7	3186.48486
19.8	287.17524	69.8	1012.36524	119.8	1737.55524	169.8	2462.74524	219.8	3187.93524
19.9	288.62562	69.9	1013.81562	119.9	1739.00562	169.9	2464.19562	219.9	3189.38562
20	290.076	70	1015.266	120	1740.456	170	2465.646	220	3190.836
20.1	291.52638	70.1	1016.71638	120.1	1741.90638	170.1	2467.09638	220.1	3192.28638
20.2	292.97676	70.2	1018.16676	120.2	1743.35676	170.2	2468.54676	220.2	3193.73676
20.3	294.42714	70.3	1019.61714	120.3	1744.80714	170.3	2469.99714	220.3	3195.18714
20.4	295.87752	70.4	1021.06752	120.4	1746.25752	170.4	2471.44752	220.4	3196.63752
20.5	297.3279	70.5	1022.5179	120.5	1747.7079	170.5	2472.8979	220.5	3198.0879
20.6	298.77828	70.6	1023.96828	120.6	1749.15828	170.6	2474.34828	220.6	3199.53828
20.7	300.22866	70.7	1025.41866	120.7	1750.60866	170.7	2475.79866	220.7	3200.98866
20.8	301.67904	70.8	1026.86904	120.8	1752.05904	170.8	2477.24904	220.8	3202.43904
20.9	303.12942	70.9	1028.31942	120.9	1753.50942	170.9	2478.69942	220.9	3203.88942
21	304.5798	71	1029.7698	121	1754.9598	171	2480.1498	221	3205.3398
21.1	306.03018	71.1	1031.22018	121.1	1756.41018	171.1	2481.60018	221.1	3206.79018
21.2	307.48056	71.2	1032.67056	121.2	1757.86056	171.2	2483.05056	221.2	3208.24056
21.3	308.93094	71.3	1034.12094	121.3	1759.31094	171.3	2484.50094	221.3	3209.69094
21.4	310.38132	71.4	1035.57132	121.4	1760.76132	171.4	2485.95132	221.4	3211.14132
21.5	311.8317	71.5	1037.0217	121.5	1762.2117	171.5	2487.4017	221.5	3212.5917
21.6	313.28208	71.6	1038.47208	121.6	1763.66208	171.6	2488.85208	221.6	3214.04208
21.7	314.73246	71.7	1039.92246	121.7	1765.11246	171.7	2490.30246	221.7	3215.49246
21.8	316.18284	71.8	1041.37284	121.8	1766.56284	171.8	2491.75284	221.8	3216.94284
21.9	317.63322	71.9	1042.82322	121.9	1768.01322	171.9	2493.20322	221.9	3218.39322
22	319.0836	72	1044.2736	122	1769.4636	172	2494.6536	222	3219.8436
22.1	320.53398	72.1	1045.72398	122.1	1770.91398	172.1	2496.10398	222.1	3221.29398
22.2	321.98436	72.2	1047.17436	122.2	1772.36436	172.2	2497.55436	222.2	3222.74436
22.3	323.43474	72.3	1048.62474	122.3	1773.81474	172.3	2499.00474	222.3	3224.19474
22.4	324.88512	72.4	1050.07512	122.4	1775.26512	172.4	2500.45512	222.4	3225.64512
22.5	326.3355	72.5	1051.5255	122.5	1776.7155	172.5	2501.9055	222.5	3227.0955
22.6	327.78588	72.6	1052.97588	122.6	1778.16588	172.6	2503.35588	222.6	3228.54588
22.7	329.23626	72.7	1054.42626	122.7	1779.61626	172.7	2504.80626	222.7	3229.99626
22.8	330.68664	72.8	1055.87664	122.8	1781.06664	172.8	2506.25664	222.8	3231.44664
22.9	332.13702	72.9	1057.32702	122.9	1782.51702	172.9	2507.70702	222.9	3232.89702
23	333.5874	73	1058.7774	123	1783.9674	173	2509.1574	223	3234.3474
23.1	335.03778	73.1	1060.22778	123.1	1785.41778	173.1	2510.60778	223.1	3235.79778
23.2	336.48816	73.2	1061.67816	123.2	1786.86816	173.2	2512.05816	223.2	3237.24816
23.3	337.93854	73.3	1063.12854	123.3	1788.31854	173.3	2513.50854	223.3	3238.69854
23.4	339.38892	73.4	1064.57892	123.4	1789.76892	173.4	2514.95892	223.4	3240.14892
23.5	340.8393	73.5	1066.0293	123.5	1791.2193	173.5	2516.4093	223.5	3241.5993
23.6	342.28968	73.6	1067.47968	123.6	1792.66968	173.6	2517.85968	223.6	3243.04968
23.7	343.74006	73.7	1068.93006	123.7	1794.12006	173.7	2519.31006	223.7	3244.50006

23.8	345.19044	73.8	1070.38044	123.8	1795.57044	173.8	2520.76044	223.8	3245.95044
23.9	346.64082	73.9	1071.83082	123.9	1797.02082	173.9	2522.21082	223.9	3247.40082
24	348.0912	74	1073.2812	124	1798.4712	174	2523.6612	224	3248.8512
24.1	349.54158	74.1	1074.73158	124.1	1799.92158	174.1	2525.11158	224.1	3250.30158
24.2	350.99196	74.2	1076.18196	124.2	1801.37196	174.2	2526.56196	224.2	3251.75196
24.3	352.44234	74.3	1077.63234	124.3	1802.82234	174.3	2528.01234	224.3	3253.20234
24.4	353.89272	74.4	1079.08272	124.4	1804.27272	174.4	2529.46272	224.4	3254.65272
24.5	355.3431	74.5	1080.5331	124.5	1805.7231	174.5	2530.9131	224.5	3256.1031
24.6	356.79348	74.6	1081.98348	124.6	1807.17348	174.6	2532.36348	224.6	3257.55348
24.7	358.24386	74.7	1083.43386	124.7	1808.62386	174.7	2533.81386	224.7	3259.00386
24.8	359.69424	74.8	1084.88424	124.8	1810.07424	174.8	2535.26424	224.8	3260.45424
24.9	361.14462	74.9	1086.33462	124.9	1811.52462	174.9	2536.71462	224.9	3261.90462
25	362.595	75	1087.785	125	1812.975	175	2538.165	225	3263.355
25.1	364.04538	75.1	1089.23538	125.1	1814.42538	175.1	2539.61538	225.1	3264.80538
25.2	365.49576	75.2	1090.68576	125.2	1815.87576	175.2	2541.06576	225.2	3266.25576
25.3	366.94614	75.3	1092.13614	125.3	1817.32614	175.3	2542.51614	225.3	3267.70614
25.4	368.39652	75.4	1093.58652	125.4	1818.77652	175.4	2543.96652	225.4	3269.15652
25.5	369.8469	75.5	1095.0369	125.5	1820.2269	175.5	2545.4169	225.5	3270.6069
25.6	371.29728	75.6	1096.48728	125.6	1821.67728	175.6	2546.86728	225.6	3272.05728
25.7	372.74766	75.7	1097.93766	125.7	1823.12766	175.7	2548.31766	225.7	3273.50766
25.8	374.19804	75.8	1099.38804	125.8	1824.57804	175.8	2549.76804	225.8	3274.95804
25.9	375.64842	75.9	1100.83842	125.9	1826.02842	175.9	2551.21842	225.9	3276.40842
26	377.0988	76	1102.2888	126	1827.4788	176	2552.6688	226	3277.8588
27.1	393.05298	77.1	1118.24298	127.1	1843.43298	177.1	2568.62298	227.1	3293.81298
27.2	394.50336	77.2	1119.69336	127.2	1844.88336	177.2	2570.07336	227.2	3295.26336
27.3	395.95374	77.3	1121.14374	127.3	1846.33374	177.3	2571.52374	227.3	3296.71374
27.4	397.40412	77.4	1122.59412	127.4	1847.78412	177.4	2572.97412	227.4	3298.16412
27.5	398.8545	77.5	1124.0445	127.5	1849.2345	177.5	2574.4245	227.5	3299.6145
27.6	400.30488	77.6	1125.49488	127.6	1850.68488	177.6	2575.87488	227.6	3301.06488
27.7	401.75526	77.7	1126.94526	127.7	1852.13526	177.7	2577.32526	227.7	3302.51526
27.8	403.20564	77.8	1128.39564	127.8	1853.58564	177.8	2578.77564	227.8	3303.96564
27.9	404.65602	77.9	1129.84602	127.9	1855.03602	177.9	2580.22602	227.9	3305.41602
28	406.1064	78	1131.2964	128	1856.4864	178	2581.6764	228	3306.8664
28.1	407.55678	78.1	1132.74678	128.1	1857.93678	178.1	2583.12678	228.1	3308.31678
28.2	409.00716	78.2	1134.19716	128.2	1859.38716	178.2	2584.57716	228.2	3309.76716
28.3	410.45754	78.3	1135.64754	128.3	1860.83754	178.3	2586.02754	228.3	3311.21754
28.4	411.90792	78.4	1137.09792	128.4	1862.28792	178.4	2587.47792	228.4	3312.66792
28.5	413.3583	78.5	1138.5483	128.5	1863.7383	178.5	2588.9283	228.5	3314.1183
28.6	414.80868	78.6	1139.99868	128.6	1865.18868	178.6	2590.37868	228.6	3315.56868
28.7	416.25906	78.7	1141.44906	128.7	1866.63906	178.7	2591.82906	228.7	3317.01906
28.8	417.70944	78.8	1142.89944	128.8	1868.08944	178.8	2593.27944	228.8	3318.46944
28.9	419.15982	78.9	1144.34982	128.9	1869.53982	178.9	2594.72982	228.9	3319.91982
29	420.6102	79	1145.8002	129	1870.9902	179	2596.1802	229	3321.3702
29.1	422.06058	79.1	1147.25058	129.1	1872.44058	179.1	2597.63058	229.1	3322.82058
29.2	423.51096	79.2	1148.70096	129.2	1873.89096	179.2	2599.08096	229.2	3324.27096
29.3	424.96134	79.3	1150.15134	129.3	1875.34134	179.3	2600.53134	229.3	3325.72134

29.4	426.41172	79.4	1151.60172	129.4	1876.79172	179.4	2601.98172	229.4	3327.17172
29.5	427.8621	79.5	1153.0521	129.5	1878.2421	179.5	2603.4321	229.5	3328.6221
29.6	429.31248	79.6	1154.50248	129.6	1879.69248	179.6	2604.88248	229.6	3330.07248
29.7	430.76286	79.7	1155.95286	129.7	1881.14286	179.7	2606.33286	229.7	3331.52286
29.8	432.21324	79.8	1157.40324	129.8	1882.59324	179.8	2607.78324	229.8	3332.97324
29.9	433.66362	79.9	1158.85362	129.9	1884.04362	179.9	2609.23362	229.9	3334.42362
30	435.114	80	1160.304	130	1885.494	180	2610.684	230	3335.874
30.1	436.56438	80.1	1161.75438	130.1	1886.94438	180.1	2612.13438	230.1	3337.32438
30.2	438.01476	80.2	1163.20476	130.2	1888.39476	180.2	2613.58476	230.2	3338.77476
30.3	439.46514	80.3	1164.65514	130.3	1889.84514	180.3	2615.03514	230.3	3340.22514
30.4	440.91552	80.4	1166.10552	130.4	1891.29552	180.4	2616.48552	230.4	3341.67552
30.5	442.3659	80.5	1167.5559	130.5	1892.7459	180.5	2617.9359	230.5	3343.1259
30.6	443.81628	80.6	1169.00628	130.6	1894.19628	180.6	2619.38628	230.6	3344.57628
30.7	445.26666	80.7	1170.45666	130.7	1895.64666	180.7	2620.83666	230.7	3346.02666
30.8	446.71704	80.8	1171.90704	130.8	1897.09704	180.8	2622.28704	230.8	3347.47704
30.9	448.16742	80.9	1173.35742	130.9	1898.54742	180.9	2623.73742	230.9	3348.92742
31	449.6178	81	1174.8078	131	1899.9978	181	2625.1878	231	3350.3778
31.1	451.06818	81.1	1176.25818	131.1	1901.44818	181.1	2626.63818	231.1	3351.82818
31.2	452.51856	81.2	1177.70856	131.2	1902.89856	181.2	2628.08856	231.2	3353.27856
31.3	453.96894	81.3	1179.15894	131.3	1904.34894	181.3	2629.53894	231.3	3354.72894
31.4	455.41932	81.4	1180.60932	131.4	1905.79932	181.4	2630.98932	231.4	3356.17932
31.5	456.8697	81.5	1182.0597	131.5	1907.2497	181.5	2632.4397	231.5	3357.6297
31.6	458.32008	81.6	1183.51008	131.6	1908.70008	181.6	2633.89008	231.6	3359.08008
31.7	459.77046	81.7	1184.96046	131.7	1910.15046	181.7	2635.34046	231.7	3360.53046
31.8	461.22084	81.8	1186.41084	131.8	1911.60084	181.8	2636.79084	231.8	3361.98084
31.9	462.67122	81.9	1187.86122	131.9	1913.05122	181.9	2638.24122	231.9	3363.43122
32	464.1216	82	1189.3116	132	1914.5016	182	2639.6916	232	3364.8816
32.1	465.57198	82.1	1190.76198	132.1	1915.95198	182.1	2641.14198	232.1	3366.33198
32.2	467.02236	82.2	1192.21236	132.2	1917.40236	182.2	2642.59236	232.2	3367.78236
32.3	468.47274	82.3	1193.66274	132.3	1918.85274	182.3	2644.04274	232.3	3369.23274
32.4	469.92312	82.4	1195.11312	132.4	1920.30312	182.4	2645.49312	232.4	3370.68312
32.5	471.3735	82.5	1196.5635	132.5	1921.7535	182.5	2646.9435	232.5	3372.1335
32.6	472.82388	82.6	1198.01388	132.6	1923.20388	182.6	2648.39388	232.6	3373.58388
32.7	474.27426	82.7	1199.46426	132.7	1924.65426	182.7	2649.84426	232.7	3375.03426
32.8	475.72464	82.8	1200.91464	132.8	1926.10464	182.8	2651.29464	232.8	3376.48464
32.9	477.17502	82.9	1202.36502	132.9	1927.55502	182.9	2652.74502	232.9	3377.93502
33	478.6254	83	1203.8154	133	1929.0054	183	2654.1954	233	3379.3854
33.1	480.07578	83.1	1205.26578	133.1	1930.45578	183.1	2655.64578	233.1	3380.83578
33.2	481.52616	83.2	1206.71616	133.2	1931.90616	183.2	2657.09616	233.2	3382.28616
33.3	482.97654	83.3	1208.16654	133.3	1933.35654	183.3	2658.54654	233.3	3383.73654
33.4	484.42692	83.4	1209.61692	133.4	1934.80692	183.4	2659.99692	233.4	3385.18692
33.5	485.8773	83.5	1211.0673	133.5	1936.2573	183.5	2661.4473	233.5	3386.6373
33.6	487.32768	83.6	1212.51768	133.6	1937.70768	183.6	2662.89768	233.6	3388.08768
33.7	488.77806	83.7	1213.96806	133.7	1939.15806	183.7	2664.34806	233.7	3389.53806
33.8	490.22844	83.8	1215.41844	133.8	1940.60844	183.8	2665.79844	233.8	3390.98844
33.9	491.67882	83.9	1216.86882	133.9	1942.05882	183.9	2667.24882	233.9	3392.43882



34	493.1292	84	1218.3192	134	1943.5092	184	2668.6992	234	3393.8892
34.1	494.57958	84.1	1219.76958	134.1	1944.95958	184.1	2670.14958	234.1	3395.33958
34.2	496.02996	84.2	1221.21996	134.2	1946.40996	184.2	2671.59996	234.2	3396.78996
34.3	497.48034	84.3	1222.67034	134.3	1947.86034	184.3	2673.05034	234.3	3398.24034
34.4	498.93072	84.4	1224.12072	134.4	1949.31072	184.4	2674.50072	234.4	3399.69072
34.5	500.3811	84.5	1225.5711	134.5	1950.7611	184.5	2675.9511	234.5	3401.1411
34.6	501.83148	84.6	1227.02148	134.6	1952.21148	184.6	2677.40148	234.6	3402.59148
34.7	503.28186	84.7	1228.47186	134.7	1953.66186	184.7	2678.85186	234.7	3404.04186
34.8	504.73224	84.8	1229.92224	134.8	1955.11224	184.8	2680.30224	234.8	3405.49224
34.9	506.18262	84.9	1231.37262	134.9	1956.56262	184.9	2681.75262	234.9	3406.94262
35	507.633	85	1232.823	135	1958.013	185	2683.203	235	3408.393
35.1	509.08338	85.1	1234.27338	135.1	1959.46338	185.1	2684.65338	235.1	3409.84338
35.2	510.53376	85.2	1235.72376	135.2	1960.91376	185.2	2686.10376	235.2	3411.29376
35.3	511.98414	85.3	1237.17414	135.3	1962.36414	185.3	2687.55414	235.3	3412.74414
35.4	513.43452	85.4	1238.62452	135.4	1963.81452	185.4	2689.00452	235.4	3414.19452
35.5	514.8849	85.5	1240.0749	135.5	1965.2649	185.5	2690.4549	235.5	3415.6449
35.6	516.33528	85.6	1241.52528	135.6	1966.71528	185.6	2691.90528	235.6	3417.09528
35.7	517.78566	85.7	1242.97566	135.7	1968.16566	185.7	2693.35566	235.7	3418.54566
35.8	519.23604	85.8	1244.42604	135.8	1969.61604	185.8	2694.80604	235.8	3419.99604
35.9	520.68642	85.9	1245.87642	135.9	1971.06642	185.9	2696.25642	235.9	3421.44642
36	522.1368	86	1247.3268	136	1972.5168	186	2697.7068	236	3422.8968
37.1	538.09098	87.1	1263.28098	137.1	1988.47098	187.1	2713.66098	237.1	3438.85098
37.2	539.54136	87.2	1264.73136	137.2	1989.92136	187.2	2715.11136	237.2	3440.30136
37.3	540.99174	87.3	1266.18174	137.3	1991.37174	187.3	2716.56174	237.3	3441.75174
37.4	542.44212	87.4	1267.63212	137.4	1992.82212	187.4	2718.01212	237.4	3443.20212
37.5	543.8925	87.5	1269.0825	137.5	1994.2725	187.5	2719.4625	237.5	3444.6525
37.6	545.34288	87.6	1270.53288	137.6	1995.72288	187.6	2720.91288	237.6	3446.10288
37.7	546.79326	87.7	1271.98326	137.7	1997.17326	187.7	2722.36326	237.7	3447.55326
37.8	548.24364	87.8	1273.43364	137.8	1998.62364	187.8	2723.81364	237.8	3449.00364
37.9	549.69402	87.9	1274.88402	137.9	2000.07402	187.9	2725.26402	237.9	3450.45402
38	551.1444	88	1276.3344	138	2001.5244	188	2726.7144	238	3451.9044
38.1	552.59478	88.1	1277.78478	138.1	2002.97478	188.1	2728.16478	238.1	3453.35478
38.2	554.04516	88.2	1279.23516	138.2	2004.42516	188.2	2729.61516	238.2	3454.80516
38.3	555.49554	88.3	1280.68554	138.3	2005.87554	188.3	2731.06554	238.3	3456.25554
38.4	556.94592	88.4	1282.13592	138.4	2007.32592	188.4	2732.51592	238.4	3457.70592
38.5	558.3963	88.5	1283.5863	138.5	2008.7763	188.5	2733.9663	238.5	3459.1563
38.6	559.84668	88.6	1285.03668	138.6	2010.22668	188.6	2735.41668	238.6	3460.60668
38.7	561.29706	88.7	1286.48706	138.7	2011.67706	188.7	2736.86706	238.7	3462.05706
38.8	562.74744	88.8	1287.93744	138.8	2013.12744	188.8	2738.31744	238.8	3463.50744
38.9	564.19782	88.9	1289.38782	138.9	2014.57782	188.9	2739.76782	238.9	3464.95782
39	565.6482	89	1290.8382	139	2016.0282	189	2741.2182	239	3466.4082
39.1	567.09858	89.1	1292.28858	139.1	2017.47858	189.1	2742.66858	239.1	3467.85858
39.2	568.54896	89.2	1293.73896	139.2	2018.92896	189.2	2744.11896	239.2	3469.30896
39.3	569.99934	89.3	1295.18934	139.3	2020.37934	189.3	2745.56934	239.3	3470.75934
39.4	571.44972	89.4	1296.63972	139.4	2021.82972	189.4	2747.01972	239.4	3472.20972
39.5	572.9001	89.5	1298.0901	139.5	2023.2801	189.5	2748.4701	239.5	3473.6601

39.6	574.35048	89.6	1299.54048	139.6	2024.73048	189.6	2749.92048	239.6	3475.11048
39.7	575.80086	89.7	1300.99086	139.7	2026.18086	189.7	2751.37086	239.7	3476.56086
39.8	577.25124	89.8	1302.44124	139.8	2027.63124	189.8	2752.82124	239.8	3478.01124
39.9	578.70162	89.9	1303.89162	139.9	2029.08162	189.9	2754.27162	239.9	3479.46162
40	580.152	90	1305.342	140	2030.532	190	2755.722	240	3480.912
40.1	581.60238	90.1	1306.79238	140.1	2031.98238	190.1	2757.17238	240.1	3482.36238
40.2	583.05276	90.2	1308.24276	140.2	2033.43276	190.2	2758.62276	240.2	3483.81276
40.3	584.50314	90.3	1309.69314	140.3	2034.88314	190.3	2760.07314	240.3	3485.26314
40.4	585.95352	90.4	1311.14352	140.4	2036.33352	190.4	2761.52352	240.4	3486.71352
40.5	587.4039	90.5	1312.5939	140.5	2037.7839	190.5	2762.9739	240.5	3488.1639
40.6	588.85428	90.6	1314.04428	140.6	2039.23428	190.6	2764.42428	240.6	3489.61428
40.7	590.30466	90.7	1315.49466	140.7	2040.68466	190.7	2765.87466	240.7	3491.06466
40.8	591.75504	90.8	1316.94504	140.8	2042.13504	190.8	2767.32504	240.8	3492.51504
40.9	593.20542	90.9	1318.39542	140.9	2043.58542	190.9	2768.77542	240.9	3493.96542
41	594.6558	91	1319.8458	141	2045.0358	191	2770.2258	241	3495.4158
41.1	596.10618	91.1	1321.29618	141.1	2046.48618	191.1	2771.67618	241.1	3496.86618
41.2	597.55656	91.2	1322.74656	141.2	2047.93656	191.2	2773.12656	241.2	3498.31656
41.3	599.00694	91.3	1324.19694	141.3	2049.38694	191.3	2774.57694	241.3	3499.76694
41.4	600.45732	91.4	1325.64732	141.4	2050.83732	191.4	2776.02732	241.4	3501.21732
41.5	601.9077	91.5	1327.0977	141.5	2052.2877	191.5	2777.4777	241.5	3502.6677
41.6	603.35808	91.6	1328.54808	141.6	2053.73808	191.6	2778.92808	241.6	3504.11808
41.7	604.80846	91.7	1329.99846	141.7	2055.18846	191.7	2780.37846	241.7	3505.56846
41.8	606.25884	91.8	1331.44884	141.8	2056.63884	191.8	2781.82884	241.8	3507.01884
41.9	607.70922	91.9	1332.89922	141.9	2058.08922	191.9	2783.27922	241.9	3508.46922
42	609.1596	92	1334.3496	142	2059.5396	192	2784.7296	242	3509.9196
42.1	610.60998	92.1	1335.79998	142.1	2060.98998	192.1	2786.17998	242.1	3511.36998
42.2	612.06036	92.2	1337.25036	142.2	2062.44036	192.2	2787.63036	242.2	3512.82036
42.3	613.51074	92.3	1338.70074	142.3	2063.89074	192.3	2789.08074	242.3	3514.27074
42.4	614.96112	92.4	1340.15112	142.4	2065.34112	192.4	2790.53112	242.4	3515.72112
42.5	616.4115	92.5	1341.6015	142.5	2066.7915	192.5	2791.9815	242.5	3517.1715
42.6	617.86188	92.6	1343.05188	142.6	2068.24188	192.6	2793.43188	242.6	3518.62188
42.7	619.31226	92.7	1344.50226	142.7	2069.69226	192.7	2794.88226	242.7	3520.07226
42.8	620.76264	92.8	1345.95264	142.8	2071.14264	192.8	2796.33264	242.8	3521.52264
42.9	622.21302	92.9	1347.40302	142.9	2072.59302	192.9	2797.78302	242.9	3522.97302
43	623.6634	93	1348.8534	143	2074.0434	193	2799.2334	243	3524.4234
43.1	625.11378	93.1	1350.30378	143.1	2075.49378	193.1	2800.68378	243.1	3525.87378
43.2	626.56416	93.2	1351.75416	143.2	2076.94416	193.2	2802.13416	243.2	3527.32416
43.3	628.01454	93.3	1353.20454	143.3	2078.39454	193.3	2803.58454	243.3	3528.77454
43.4	629.46492	93.4	1354.65492	143.4	2079.84492	193.4	2805.03492	243.4	3530.22492
43.5	630.9153	93.5	1356.1053	143.5	2081.2953	193.5	2806.4853	243.5	3531.6753
43.6	632.36568	93.6	1357.55568	143.6	2082.74568	193.6	2807.93568	243.6	3533.12568
43.7	633.81606	93.7	1359.00606	143.7	2084.19606	193.7	2809.38606	243.7	3534.57606
43.8	635.26644	93.8	1360.45644	143.8	2085.64644	193.8	2810.83644	243.8	3536.02644
43.9	636.71682	93.9	1361.90682	143.9	2087.09682	193.9	2812.28682	243.9	3537.47682
44	638.1672	94	1363.3572	144	2088.5472	194	2813.7372	244	3538.9272
44.1	639.61758	94.1	1364.80758	144.1	2089.99758	194.1	2815.18758	244.1	3540.37758

44.2	641.06796	94.2	1366.25796	144.2	2091.44796	194.2	2816.63796	244.2	3541.82796
44.3	642.51834	94.3	1367.70834	144.3	2092.89834	194.3	2818.08834	244.3	3543.27834
44.4	643.96872	94.4	1369.15872	144.4	2094.34872	194.4	2819.53872	244.4	3544.72872
44.5	645.4191	94.5	1370.6091	144.5	2095.7991	194.5	2820.9891	244.5	3546.1791
44.6	646.86948	94.6	1372.05948	144.6	2097.24948	194.6	2822.43948	244.6	3547.62948
44.7	648.31986	94.7	1373.50986	144.7	2098.69986	194.7	2823.88986	244.7	3549.07986
44.8	649.77024	94.8	1374.96024	144.8	2100.15024	194.8	2825.34024	244.8	3550.53024
44.9	651.22062	94.9	1376.41062	144.9	2101.60062	194.9	2826.79062	244.9	3551.98062
45	652.671	95	1377.861	145	2103.051	195	2828.241	245	3553.431
45.1	654.12138	95.1	1379.31138	145.1	2104.50138	195.1	2829.69138	245.1	3554.88138
45.2	655.57176	95.2	1380.76176	145.2	2105.95176	195.2	2831.14176	245.2	3556.33176
45.3	657.02214	95.3	1382.21214	145.3	2107.40214	195.3	2832.59214	245.3	3557.78214
45.4	658.47252	95.4	1383.66252	145.4	2108.85252	195.4	2834.04252	245.4	3559.23252
45.5	659.9229	95.5	1385.1129	145.5	2110.3029	195.5	2835.4929	245.5	3560.6829
45.6	661.37328	95.6	1386.56328	145.6	2111.75328	195.6	2836.94328	245.6	3562.13328
45.7	662.82366	95.7	1388.01366	145.7	2113.20366	195.7	2838.39366	245.7	3563.58366
45.8	664.27404	95.8	1389.46404	145.8	2114.65404	195.8	2839.84404	245.8	3565.03404
45.9	665.72442	95.9	1390.91442	145.9	2116.10442	195.9	2841.29442	245.9	3566.48442
46	667.1748	96	1392.3648	146	2117.5548	196	2842.7448	246	3567.9348
46.1	668.62518	96.1	1393.81518	146.1	2119.00518	196.1	2844.19518	246.1	3569.38518
46.2	670.07556	96.2	1395.26556	146.2	2120.45556	196.2	2845.64556	246.2	3570.83556
46.3	671.52594	96.3	1396.71594	146.3	2121.90594	196.3	2847.09594	246.3	3572.28594
46.4	672.97632	96.4	1398.16632	146.4	2123.35632	196.4	2848.54632	246.4	3573.73632
46.5	674.4267	96.5	1399.6167	146.5	2124.8067	196.5	2849.9967	246.5	3575.1867
46.6	675.87708	96.6	1401.06708	146.6	2126.25708	196.6	2851.44708	246.6	3576.63708
46.7	677.32746	96.7	1402.51746	146.7	2127.70746	196.7	2852.89746	246.7	3578.08746
46.8	678.77784	96.8	1403.96784	146.8	2129.15784	196.8	2854.34784	246.8	3579.53784
46.9	680.22822	96.9	1405.41822	146.9	2130.60822	196.9	2855.79822	246.9	3580.98822
47	681.6786	97	1406.8686	147	2132.0586	197	2857.2486	247	3582.4386
47.1	683.12898	97.1	1408.31898	147.1	2133.50898	197.1	2858.69898	247.1	3583.88898
47.2	684.57936	97.2	1409.76936	147.2	2134.95936	197.2	2860.14936	247.2	3585.33936
47.3	686.02974	97.3	1411.21974	147.3	2136.40974	197.3	2861.59974	247.3	3586.78974
47.4	687.48012	97.4	1412.67012	147.4	2137.86012	197.4	2863.05012	247.4	3588.24012
47.5	688.9305	97.5	1414.1205	147.5	2139.3105	197.5	2864.5005	247.5	3589.6905
47.6	690.38088	97.6	1415.57088	147.6	2140.76088	197.6	2865.95088	247.6	3591.14088
47.7	691.83126	97.7	1417.02126	147.7	2142.21126	197.7	2867.40126	247.7	3592.59126
47.8	693.28164	97.8	1418.47164	147.8	2143.66164	197.8	2868.85164	247.8	3594.04164
47.9	694.73202	97.9	1419.92202	147.9	2145.11202	197.9	2870.30202	247.9	3595.49202
48	696.1824	98	1421.3724	148	2146.5624	198	2871.7524	248	3596.9424
48.1	697.63278	98.1	1422.82278	148.1	2148.01278	198.1	2873.20278	248.1	3598.39278
48.2	699.08316	98.2	1424.27316	148.2	2149.46316	198.2	2874.65316	248.2	3599.84316
48.3	700.53354	98.3	1425.72354	148.3	2150.91354	198.3	2876.10354	248.3	3601.29354
48.4	701.98392	98.4	1427.17392	148.4	2152.36392	198.4	2877.55392	248.4	3602.74392
48.5	703.4343	98.5	1428.6243	148.5	2153.8143	198.5	2879.0043	248.5	3604.1943
48.6	704.88468	98.6	1430.07468	148.6	2155.26468	198.6	2880.45468	248.6	3605.64468
48.7	706.33506	98.7	1431.52506	148.7	2156.71506	198.7	2881.90506	248.7	3607.09506

48.8	707.78544	98.8	1432.97544	148.8	2158.16544	198.8	2883.35544	248.8	3608.54544
48.9	709.23582	98.9	1434.42582	148.9	2159.61582	198.9	2884.80582	248.9	3609.99582
49	710.6862	99	1435.8762	149	2161.0662	199	2886.2562	249	3611.4462
49.1	712.13658	99.1	1437.32658	149.1	2162.51658	199.1	2887.70658	249.1	3612.89658
49.2	713.58696	99.2	1438.77696	149.2	2163.96696	199.2	2889.15696	249.2	3614.34696
49.3	715.03734	99.3	1440.22734	149.3	2165.41734	199.3	2890.60734	249.3	3615.79734
49.4	716.48772	99.4	1441.67772	149.4	2166.86772	199.4	2892.05772	249.4	3617.24772
49.5	717.9381	99.5	1443.1281	149.5	2168.3181	199.5	2893.5081	249.5	3618.6981
49.6	719.38848	99.6	1444.57848	149.6	2169.76848	199.6	2894.95848	249.6	3620.14848
49.7	720.83886	99.7	1446.02886	149.7	2171.21886	199.7	2896.40886	249.7	3621.59886
49.8	722.28924	99.8	1447.47924	149.8	2172.66924	199.8	2897.85924	249.8	3623.04924
49.9	723.73962	99.9	1448.92962	149.9	2174.11962	199.9	2899.30962	249.9	3624.49962
50	725.19	100	1450.38	150	2175.57	200	2900.76	250	3625.95