

| queryID | ground_truth_X | positioning_X      | ground_truth_Y | positioning_Y      | Distance            |
|---------|----------------|--------------------|----------------|--------------------|---------------------|
| 1       | 144.0          | 144.0              | 28.5           | 28.638129483868056 | 0.138129483868056   |
| 2       | 144.0          | 143.99999999999997 | 28.5           | 28.57519714607585  | 0.07519714607585115 |
| 3       | 144.0          | 143.99999999999997 | 28.5           | 28.57519714607585  | 0.07519714607585115 |
| 4       | 144.0          | 143.99999999999997 | 28.5           | 27.280950148199004 | 1.219049851800996   |
| 5       | 144.0          | 143.99999999999997 | 28.5           | 27.280950148199004 | 1.219049851800996   |
| 6       | 144.0          | 144.0              | 30.0           | 29.60430026262604  | 0.3956997373739597  |
| 7       | 144.0          | 144.0              | 30.0           | 29.60430026262604  | 0.3956997373739597  |
| 8       | 144.0          | 144.0              | 30.0           | 29.60430026262604  | 0.3956997373739597  |
| 9       | 144.0          | 144.0              | 30.0           | 30.0               | 0.0                 |
| 10      | 144.0          | 144.0              | 30.0           | 30.0               | 0.0                 |
| 11      | 144.0          | 142.1965379695745  | 30.0           | 29.380241610434055 | 1.9069807960815481  |
| 12      | 144.0          | 144.0              | 30.0           | 30.0               | 0.0                 |
| 13      | 144.0          | 144.0              | 30.0           | 30.0               | 0.0                 |
| 14      | 144.0          | 140.7800019326191  | 31.5           | 31.269820070665556 | 3.2282147316752687  |
| 15      | 144.0          | 140.7800019326191  | 31.5           | 31.269820070665556 | 3.2282147316752687  |
| 16      | 144.0          | 142.9890525991584  | 31.5           | 29.79505894928504  | 1.9821298226103647  |
| 17      | 144.0          | 142.9890525991584  | 31.5           | 29.79505894928504  | 1.9821298226103647  |
| 18      | 144.0          | 142.7608489333315  | 31.5           | 30.344895635234053 | 1.6940370301522494  |
| 19      | 144.0          | 144.0              | 31.5           | 31.5               | 0.0                 |
| 20      | 144.0          | 143.76804950721979 | 31.5           | 28.502406600962633 | 3.006554043594324   |
| 21      | 144.0          | 143.76804950721979 | 31.5           | 28.502406600962633 | 3.006554043594324   |
| 22      | 142.5          | 142.70258486866507 | 31.5           | 31.02505615138643  | 0.5163451252291569  |
| 23      | 142.5          | 142.70258486866507 | 31.5           | 31.02505615138643  | 0.5163451252291569  |
| 24      | 142.5          | 143.11081423784077 | 31.5           | 30.693311831555413 | 1.01184970932322    |
| 25      | 142.5          | 143.11081423784077 | 31.5           | 30.693311831555413 | 1.01184970932322    |
| 26      | 142.5          | 143.11081423784077 | 31.5           | 30.693311831555413 | 1.01184970932322    |
| 27      | 142.5          | 140.72073165612446 | 31.5           | 31.252981317456516 | 1.7963335071871083  |
| 28      | 141.0          | 138.82472867344683 | 31.5           | 31.499999999999993 | 2.1752713265531725  |
| 29      | 141.0          | 141.0              | 31.5           | 31.5               | 0.0                 |
| 30      | 141.0          | 139.42510765459872 | 31.5           | 31.499999999999996 | 1.574892345401281   |
| 31      | 141.0          | 138.79415391556074 | 31.5           | 31.500000000000004 | 2.2058460844392584  |
| 32      | 141.0          | 138.79415391556074 | 31.5           | 31.500000000000004 | 2.2058460844392584  |
| 33      | 141.0          | 136.55687677009905 | 31.5           | 31.499999999999996 | 4.443123229900948   |
| 34      | 141.0          | 138.94147807770437 | 31.5           | 31.499999999999993 | 2.0585219222956255  |
| 35      | 141.0          | 138.97237615049826 | 31.5           | 31.499999999999996 | 2.0276238495017367  |
| 36      | 139.5          | 138.490480723465   | 31.5           | 31.499999999999996 | 1.009519276535002   |
| 37      | 139.5          | 139.78422852971835 | 31.5           | 31.499999999999996 | 0.284228529718348   |
| 38      | 139.5          | 139.78422852971835 | 31.5           | 31.499999999999996 | 0.284228529718348   |

|    |       |                    |      |                    |                    |
|----|-------|--------------------|------|--------------------|--------------------|
| 39 | 139.5 | 139.78422852971835 | 31.5 | 31.499999999999996 | 0.284228529718348  |
| 40 | 139.5 | 138.5368764206959  | 31.5 | 31.5               | 0.9631235793040958 |
| 41 | 139.5 | 139.5              | 31.5 | 31.5               | 0.0                |
| 42 | 139.5 | 139.5              | 31.5 | 31.5               | 0.0                |
| 43 | 139.5 | 139.5              | 31.5 | 31.5               | 0.0                |
| 44 | 138.0 | 138.7133162192424  | 31.5 | 31.499999999999993 | 0.7133162192423868 |
| 45 | 138.0 | 138.7133162192424  | 31.5 | 31.499999999999993 | 0.7133162192423868 |
| 46 | 138.0 | 137.34684901679302 | 31.5 | 31.5               | 0.6531509832069844 |
| 47 | 138.0 | 138.50324349195446 | 31.5 | 31.500000000000007 | 0.5032434919544642 |
| 48 | 138.0 | 138.50324349195446 | 31.5 | 31.500000000000007 | 0.5032434919544642 |
| 49 | 138.0 | 138.50324349195446 | 31.5 | 31.500000000000007 | 0.5032434919544642 |
| 50 | 136.5 | 137.96734997782147 | 31.5 | 31.500000000000004 | 1.4673499778214705 |
| 51 | 87.0  | 87.0               | 36.0 | 36.0               | 0.0                |
| 52 | 87.0  | 87.0               | 36.0 | 36.0               | 0.0                |
| 53 | 87.0  | 87.0               | 36.0 | 36.0               | 0.0                |
| 54 | 87.0  | 87.0               | 36.0 | 36.0               | 0.0                |
| 55 | 87.0  | 87.0               | 36.0 | 36.0               | 0.0                |
| 56 | 88.5  | 88.5               | 36.0 | 36.0               | 0.0                |
| 57 | 88.5  | 89.89226519337018  | 36.0 | 36.000000000000001 | 1.3922651933701786 |
| 58 | 88.5  | 89.89226519337018  | 36.0 | 36.000000000000001 | 1.3922651933701786 |
| 59 | 88.5  | 89.89226519337018  | 36.0 | 36.000000000000001 | 1.3922651933701786 |
| 60 | 88.5  | 90.53048780487806  | 36.0 | 36.000000000000001 | 2.0304878048780637 |
| 61 | 88.5  | 90.53048780487806  | 36.0 | 36.000000000000001 | 2.0304878048780637 |
| 62 | 88.5  | 90.53048780487806  | 36.0 | 36.000000000000001 | 2.0304878048780637 |
| 63 | 88.5  | 90.53048780487806  | 36.0 | 36.000000000000001 | 2.0304878048780637 |
| 64 | 88.5  | 88.5               | 36.0 | 36.0               | 0.0                |
| 65 | 88.5  | 88.5               | 36.0 | 36.0               | 0.0                |
| 66 | 90.0  | 88.5               | 36.0 | 36.0               | 1.5                |
| 67 | 90.0  | 88.5               | 36.0 | 36.0               | 1.5                |
| 68 | 90.0  | 90.0               | 36.0 | 36.0               | 0.0                |
| 69 | 90.0  | 90.0               | 36.0 | 36.0               | 0.0                |
| 70 | 90.0  | 90.0               | 36.0 | 36.0               | 0.0                |
| 71 | 90.0  | 90.0               | 36.0 | 36.0               | 0.0                |
| 72 | 90.0  | 90.0               | 36.0 | 36.0               | 0.0                |
| 73 | 90.0  | 90.0               | 36.0 | 36.0               | 0.0                |
| 74 | 90.0  | 90.0               | 36.0 | 36.0               | 0.0                |
| 75 | 90.0  | 90.0               | 36.0 | 36.0               | 0.0                |
| 76 | 90.0  | 90.0               | 36.0 | 36.0               | 0.0                |
| 77 | 90.0  | 90.0               | 36.0 | 36.0               | 0.0                |
| 78 | 91.5  | 90.00193548387097  | 36.0 | 36.0               | 1.498064516129034  |
|    |       |                    |      |                    |                    |

|     |      |                    |      |                    |                      |
|-----|------|--------------------|------|--------------------|----------------------|
| 79  | 91.5 | 90.00193548387097  | 36.0 | 36.0               | 1.498064516129034    |
| 80  | 91.5 | 90.00193548387097  | 36.0 | 36.0               | 1.498064516129034    |
| 81  | 91.5 | 92.75892857142856  | 36.0 | 35.99999999999999  | 1.2589285714285552   |
| 82  | 91.5 | 92.75892857142856  | 36.0 | 35.99999999999999  | 1.2589285714285552   |
| 83  | 91.5 | 92.75892857142856  | 36.0 | 35.99999999999999  | 1.2589285714285552   |
| 84  | 91.5 | 90.97959183673468  | 36.0 | 36.000000000000001 | 0.5204081632653157   |
| 85  | 91.5 | 91.5               | 36.0 | 36.0               | 0.0                  |
| 86  | 91.5 | 91.5               | 36.0 | 36.0               | 0.0                  |
| 87  | 91.5 | 91.00903713440684  | 36.0 | 36.0               | 0.49096286559316127  |
| 88  | 91.5 | 91.00903713440684  | 36.0 | 36.0               | 0.49096286559316127  |
| 89  | 93.0 | 93.0               | 36.0 | 36.0               | 0.0                  |
| 90  | 93.0 | 93.0               | 36.0 | 36.0               | 0.0                  |
| 91  | 93.0 | 93.0               | 36.0 | 36.0               | 0.0                  |
| 92  | 93.0 | 93.0               | 36.0 | 36.0               | 0.0                  |
| 93  | 94.5 | 89.5740338044875   | 36.0 | 36.0               | 4.925966195512501    |
| 94  | 94.5 | 93.73314606741573  | 36.0 | 36.0               | 0.7668539325842687   |
| 95  | 94.5 | 93.73314606741573  | 36.0 | 36.0               | 0.7668539325842687   |
| 96  | 94.5 | 94.5               | 36.0 | 36.0               | 0.0                  |
| 97  | 96.0 | 92.54351511726477  | 36.0 | 36.000000000000001 | 3.456484882735225    |
| 98  | 96.0 | 97.97781790043848  | 36.0 | 36.0               | 1.977817900438481    |
| 99  | 96.0 | 98.36392609038171  | 36.0 | 35.999999999999986 | 2.3639260903817103   |
| 100 | 96.0 | 93.81565183065234  | 36.0 | 36.000000000000001 | 2.1843481693476576   |
| 101 | 36.0 | 35.506849315068486 | 36.0 | 36.0               | 0.49315068493151415  |
| 102 | 36.0 | 35.506849315068486 | 36.0 | 36.0               | 0.49315068493151415  |
| 103 | 36.0 | 35.506849315068486 | 36.0 | 36.0               | 0.49315068493151415  |
| 104 | 36.0 | 38.44739766814761  | 36.0 | 36.000000000000001 | 2.447397668147609    |
| 105 | 36.0 | 38.46309770181711  | 36.0 | 35.99999999999999  | 2.4630977018171123   |
| 106 | 36.0 | 38.46309770181711  | 36.0 | 35.99999999999999  | 2.4630977018171123   |
| 107 | 36.0 | 38.46309770181711  | 36.0 | 35.99999999999999  | 2.4630977018171123   |
| 108 | 36.0 | 38.89531273314105  | 36.0 | 36.0               | 2.895312733141047    |
| 109 | 37.5 | 37.5               | 36.0 | 36.0               | 0.0                  |
| 110 | 37.5 | 37.28488285330548  | 36.0 | 36.0               | 0.2151171466945172   |
| 111 | 37.5 | 36.684450402144776 | 36.0 | 36.000000000000001 | 0.8155495978552239   |
| 112 | 37.5 | 37.51033982444534  | 36.0 | 35.99999999999999  | 0.010339824445338763 |
| 113 | 37.5 | 37.51033982444534  | 36.0 | 35.99999999999999  | 0.010339824445338763 |
| 114 | 37.5 | 37.5               | 36.0 | 36.0               | 0.0                  |
| 115 | 37.5 | 37.5               | 36.0 | 36.0               | 0.0                  |
| 116 | 37.5 | 37.5               | 36.0 | 36.0               | 0.0                  |
| 117 | 37.5 | 37.516759980971194 | 36.0 | 35.999999999999998 | 0.016759980971194466 |
| 118 | 37.5 | 37.516759980971194 | 36.0 | 35.999999999999998 | 0.016759980971194466 |
|     |      |                    |      |                    |                      |

|     |      |                    |      |                    |                      |
|-----|------|--------------------|------|--------------------|----------------------|
| 119 | 39.0 | 37.29937198244608  | 36.0 | 36.0               | 1.7006280175539175   |
| 120 | 39.0 | 39.0               | 36.0 | 36.0               | 0.0                  |
| 121 | 39.0 | 39.0               | 36.0 | 36.0               | 0.0                  |
| 122 | 39.0 | 39.0               | 36.0 | 36.0               | 0.0                  |
| 123 | 39.0 | 38.97881864676257  | 36.0 | 36.000000000000001 | 0.021181353237430756 |
| 124 | 39.0 | 39.0               | 36.0 | 36.0               | 0.0                  |
| 125 | 40.5 | 40.25146133159981  | 36.0 | 36.0               | 0.24853866840018668  |
| 126 | 40.5 | 40.5               | 36.0 | 36.0               | 0.0                  |
| 127 | 40.5 | 40.5               | 36.0 | 36.0               | 0.0                  |
| 128 | 40.5 | 40.000609907871265 | 36.0 | 36.0               | 0.49939009212873486  |
| 129 | 40.5 | 40.5               | 36.0 | 36.0               | 0.0                  |
| 130 | 40.5 | 40.14060488179055  | 36.0 | 36.000000000000001 | 0.3593951182094486   |
| 131 | 42.0 | 39.89303100953117  | 36.0 | 36.000000000000001 | 2.106968990468829    |
| 132 | 42.0 | 39.89303100953117  | 36.0 | 36.000000000000001 | 2.106968990468829    |
| 133 | 42.0 | 39.89303100953117  | 36.0 | 36.000000000000001 | 2.106968990468829    |
| 134 | 42.0 | 41.94618227887781  | 36.0 | 35.98086894624105  | 0.0571169355332893   |
| 135 | 42.0 | 42.0               | 36.0 | 36.0               | 0.0                  |
| 136 | 42.0 | 42.0               | 36.0 | 36.0               | 0.0                  |
| 137 | 42.0 | 43.24680409351687  | 36.0 | 35.85424599004186  | 1.2552946582493312   |
| 138 | 42.0 | 43.24680409351687  | 36.0 | 35.85424599004186  | 1.2552946582493312   |
| 139 | 42.0 | 42.686949684041714 | 36.0 | 36.0               | 0.6869496840417142   |
| 140 | 43.5 | 43.5               | 36.0 | 36.0               | 0.0                  |
| 141 | 43.5 | 43.5               | 36.0 | 36.0               | 0.0                  |
| 142 | 43.5 | 43.5               | 36.0 | 36.0               | 0.0                  |
| 143 | 43.5 | 43.19632388185734  | 36.0 | 35.80353670730142  | 0.3616863421642626   |
| 144 | 43.5 | 43.19632388185734  | 36.0 | 35.80353670730142  | 0.3616863421642626   |
| 145 | 43.5 | 43.19632388185734  | 36.0 | 35.80353670730142  | 0.3616863421642626   |
| 146 | 45.0 | 43.43477919255469  | 36.0 | 35.700586641848716 | 1.5936011217049166   |
| 147 | 45.0 | 43.45197466883642  | 36.0 | 35.693555061765494 | 1.5780655645738104   |
| 148 | 45.0 | 43.37715960979248  | 36.0 | 35.72982612041845  | 1.6451762389777715   |
| 149 | 45.0 | 45.0               | 36.0 | 36.0               | 0.0                  |
| 150 | 45.0 | 44.969856571466885 | 36.0 | 35.992099712389425 | 0.031161528012291696 |
| 151 | 72.0 | 71.99999999999999  | 27.0 | 26.87189575403134  | 0.128104245968661    |
| 152 | 72.0 | 72.000000000000001 | 27.0 | 26.898346880993703 | 0.10165311900629703  |
| 153 | 72.0 | 72.0               | 27.0 | 26.48369029049227  | 0.5163097095077305   |
| 154 | 72.0 | 72.0               | 27.0 | 26.48369029049227  | 0.5163097095077305   |
| 155 | 72.0 | 72.0               | 27.0 | 26.49184541621811  | 0.5081545837818915   |
| 156 | 72.0 | 71.99999999999999  | 27.0 | 26.943048643847085 | 0.05695135615291491  |
| 157 | 72.0 | 71.99999999999999  | 27.0 | 26.943048643847085 | 0.05695135615291491  |
| 158 | 72.0 | 71.99999999999999  | 27.0 | 26.943048643847085 | 0.05695135615291491  |
|     |      |                    |      |                    |                      |

|     |      |                   |      |                    |                     |
|-----|------|-------------------|------|--------------------|---------------------|
| 159 | 72.0 | 71.99999999999999 | 27.0 | 26.943048643847085 | 0.05695135615291491 |
| 160 | 72.0 | 72.0              | 28.5 | 25.90023508828758  | 2.5997649117124197  |
| 161 | 72.0 | 72.0              | 28.5 | 25.90023508828758  | 2.5997649117124197  |
| 162 | 72.0 | 72.0              | 28.5 | 25.90023508828758  | 2.5997649117124197  |
| 163 | 72.0 | 71.6562867079044  | 28.5 | 26.830487859033415 | 1.7045262145235627  |
| 164 | 72.0 | 72.0              | 28.5 | 28.5               | 0.0                 |
| 165 | 72.0 | 72.0              | 28.5 | 28.5               | 0.0                 |
| 166 | 72.0 | 72.0              | 28.5 | 28.5               | 0.0                 |
| 167 | 72.0 | 71.04334661354582 | 28.5 | 29.983505976095614 | 1.76521264524296    |
| 168 | 72.0 | 71.04334661354582 | 28.5 | 29.983505976095614 | 1.76521264524296    |
| 169 | 72.0 | 72.01507032819828 | 30.0 | 30.107501674480915 | 0.10855286642094876 |
| 170 | 72.0 | 72.0              | 30.0 | 30.0               | 0.0                 |
| 171 | 72.0 | 72.07561869844182 | 30.0 | 30.92804766269478  | 0.9311233279148787  |
| 172 | 72.0 | 70.44836451935439 | 30.0 | 30.517211826881876 | 1.6355674057234193  |
| 173 | 72.0 | 70.44836451935439 | 30.0 | 30.517211826881876 | 1.6355674057234193  |
| 174 | 72.0 | 69.9312077734917  | 30.0 | 31.015183502978147 | 2.304451956795828   |
| 175 | 72.0 | 69.9312077734917  | 30.0 | 31.015183502978147 | 2.304451956795828   |
| 176 | 72.0 | 69.91113149078107 | 30.0 | 31.024742809386808 | 2.3266863721173228  |
| 177 | 72.0 | 72.0              | 31.5 | 31.5               | 0.0                 |
| 178 | 72.0 | 72.0              | 31.5 | 31.5               | 0.0                 |
| 179 | 72.0 | 72.0              | 31.5 | 31.5               | 0.0                 |
| 180 | 72.0 | 70.93491579462479 | 31.5 | 31.69083399755964  | 1.0820452759308847  |
| 181 | 72.0 | 71.93253577096307 | 31.5 | 31.514951556062158 | 0.0691011666198704  |
| 182 | 72.0 | 72.0              | 31.5 | 31.5               | 0.0                 |
| 183 | 72.0 | 71.93253577096307 | 31.5 | 31.514951556062158 | 0.0691011666198704  |
| 184 | 72.0 | 72.0              | 31.5 | 31.5               | 0.0                 |
| 185 | 72.0 | 69.2309467085248  | 31.5 | 31.5               | 2.7690532914752026  |
| 186 | 72.0 | 68.25729334049761 | 31.5 | 31.736530391051303 | 3.750173297992296   |
| 187 | 70.5 | 70.5              | 31.5 | 31.5               | 0.0                 |
| 188 | 70.5 | 70.5              | 31.5 | 31.5               | 0.0                 |
| 189 | 70.5 | 69.5675881725681  | 31.5 | 31.5               | 0.9324118274319062  |
| 190 | 70.5 | 69.36071030443861 | 31.5 | 31.499999999999996 | 1.1392896955613878  |
| 191 | 70.5 | 69.36071030443861 | 31.5 | 31.499999999999996 | 1.1392896955613878  |
| 192 | 70.5 | 69.36071030443861 | 31.5 | 31.499999999999996 | 1.1392896955613878  |
| 193 | 70.5 | 70.31901957058712 | 31.5 | 31.500000000000007 | 0.18098042941288384 |
| 194 | 69.0 | 68.91002501978059 | 31.5 | 31.499999999999993 | 0.08997498021940942 |
| 195 | 69.0 | 68.91002501978059 | 31.5 | 31.499999999999993 | 0.08997498021940942 |
| 196 | 69.0 | 69.0              | 31.5 | 31.5               | 0.0                 |
| 197 | 69.0 | 68.7134039082739  | 31.5 | 31.5               | 0.28659609172609635 |
| 198 | 69.0 | 69.0              | 31.5 | 31.5               | 0.0                 |
|     |      |                   |      |                    |                     |

|     |      |      |      |                    |                     |
|-----|------|------|------|--------------------|---------------------|
| 199 | 69.0 | 69.0 | 31.5 | 31.5               | 0.0                 |
| 200 | 69.0 | 69.0 | 31.5 | 31.5               | 0.0                 |
| 201 | 0.0  | 0.0  | 22.5 | 23.498548320199085 | 0.9985483201990846  |
| 202 | 0.0  | 0.0  | 24.0 | 23.284429720776153 | 0.7155702792238472  |
| 203 | 0.0  | 0.0  | 24.0 | 23.284429720776153 | 0.7155702792238472  |
| 204 | 0.0  | 0.0  | 24.0 | 22.83496163883868  | 1.1650383611613186  |
| 205 | 0.0  | 0.0  | 24.0 | 22.83496163883868  | 1.1650383611613186  |
| 206 | 0.0  | 0.0  | 24.0 | 23.05615190971826  | 0.9438480902817403  |
| 207 | 0.0  | 0.0  | 24.0 | 22.579417567738695 | 1.4205824322613054  |
| 208 | 0.0  | 0.0  | 24.0 | 22.579417567738695 | 1.4205824322613054  |
| 209 | 0.0  | 0.0  | 24.0 | 22.85135456239748  | 1.1486454376025215  |
| 210 | 0.0  | 0.0  | 24.0 | 24.0               | 0.0                 |
| 211 | 0.0  | 0.0  | 24.0 | 18.336699365262543 | 5.663300634737457   |
| 212 | 0.0  | 0.0  | 24.0 | 24.0               | 0.0                 |
| 213 | 0.0  | 0.0  | 25.5 | 4.585645509751994  | 20.914354490248005  |
| 214 | 0.0  | 0.0  | 25.5 | 2.5267197271176807 | 22.97328027288232   |
| 215 | 0.0  | 0.0  | 25.5 | 25.540488885565996 | 0.0404888855659955  |
| 216 | 0.0  | 0.0  | 25.5 | 25.540488885565996 | 0.0404888855659955  |
| 217 | 0.0  | 0.0  | 25.5 | 25.56361770637982  | 0.06361770637981934 |
| 218 | 0.0  | 0.0  | 25.5 | 24.276296299990527 | 1.223703700009473   |
| 219 | 0.0  | 0.0  | 25.5 | 24.276296299990527 | 1.223703700009473   |
| 220 | 0.0  | 0.0  | 27.0 | 24.098409758181873 | 2.901590241818127   |
| 221 | 0.0  | 0.0  | 27.0 | 23.37585148447482  | 3.6241485155251816  |
| 222 | 0.0  | 0.0  | 27.0 | 23.37585148447482  | 3.6241485155251816  |
| 223 | 0.0  | 0.0  | 27.0 | 23.37585148447482  | 3.6241485155251816  |
| 224 | 0.0  | 0.0  | 27.0 | 23.537582719440632 | 3.462417280559368   |
| 225 | 0.0  | 0.0  | 27.0 | 26.00088977284622  | 0.9991102271537784  |
| 226 | 0.0  | 0.0  | 27.0 | 26.00088977284622  | 0.9991102271537784  |
| 227 | 0.0  | 0.0  | 27.0 | 26.00088977284622  | 0.9991102271537784  |
| 228 | 0.0  | 0.0  | 27.0 | 22.238158892451462 | 4.761841107548538   |
| 229 | 0.0  | 0.0  | 28.5 | 25.92990317496059  | 2.5700968250394105  |
| 230 | 0.0  | 0.0  | 28.5 | 25.92990317496059  | 2.5700968250394105  |
| 231 | 0.0  | 0.0  | 28.5 | 28.5               | 0.0                 |
| 232 | 0.0  | 0.0  | 28.5 | 28.5               | 0.0                 |
| 233 | 0.0  | 0.0  | 28.5 | 28.5               | 0.0                 |
| 234 | 0.0  | 0.0  | 28.5 | 28.5               | 0.0                 |
| 235 | 0.0  | 0.0  | 28.5 | 28.5               | 0.0                 |
| 236 | 0.0  | 0.0  | 28.5 | 28.5               | 0.0                 |
| 237 | 0.0  | 0.0  | 30.0 | 30.04879594423321  | 0.0487959442332091  |
| 238 | 0.0  | 0.0  | 30.0 | 30.04879594423321  | 0.0487959442332091  |
|     |      |      |      |                    |                     |

|     |       |                    |      |                    |                     |
|-----|-------|--------------------|------|--------------------|---------------------|
| 239 | 0.0   | 0.0                | 30.0 | 30.04879594423321  | 0.0487959442332091  |
| 240 | 0.0   | 0.0                | 30.0 | 29.93178564123542  | 0.06821435876457826 |
| 241 | 0.0   | 0.0                | 30.0 | 30.52817224003665  | 0.5281722400366498  |
| 242 | 0.0   | 0.0                | 30.0 | 30.52817224003665  | 0.5281722400366498  |
| 243 | 0.0   | 0.0                | 30.0 | 30.52817224003665  | 0.5281722400366498  |
| 244 | 0.0   | 0.0                | 30.0 | 30.52817224003665  | 0.5281722400366498  |
| 245 | 0.0   | 0.0                | 31.5 | 31.029987726523014 | 0.4700122734769856  |
| 246 | 0.0   | 0.0                | 31.5 | 31.5               | 0.0                 |
| 247 | 0.0   | 0.0                | 31.5 | 31.5               | 0.0                 |
| 248 | 0.0   | 0.0                | 31.5 | 31.5               | 0.0                 |
| 249 | 0.0   | 0.0                | 31.5 | 30.58382476832351  | 0.9161752316764904  |
| 250 | 0.0   | 0.0                | 31.5 | 31.875780395753242 | 0.3757803957532424  |
| 251 | 96.0  | 93.81565183065234  | 36.0 | 36.000000000000001 | 2.1843481693476576  |
| 252 | 96.0  | 94.72939424031777  | 36.0 | 36.000000000000001 | 1.2706057596822262  |
| 253 | 96.0  | 94.72939424031777  | 36.0 | 36.000000000000001 | 1.2706057596822262  |
| 254 | 97.5  | 94.18487846848782  | 36.0 | 36.0               | 3.315121531512176   |
| 255 | 97.5  | 97.5               | 36.0 | 36.0               | 0.0                 |
| 256 | 97.5  | 97.5               | 36.0 | 36.0               | 0.0                 |
| 257 | 97.5  | 90.87833190025793  | 36.0 | 36.0               | 6.621668099742067   |
| 258 | 97.5  | 97.5               | 36.0 | 36.0               | 0.0                 |
| 259 | 97.5  | 97.5               | 36.0 | 36.0               | 0.0                 |
| 260 | 97.5  | 97.5               | 36.0 | 36.0               | 0.0                 |
| 261 | 99.0  | 99.0               | 36.0 | 36.0               | 0.0                 |
| 262 | 99.0  | 100.83697284018015 | 36.0 | 36.0               | 1.8369728401801524  |
| 263 | 99.0  | 100.83697284018015 | 36.0 | 36.0               | 1.8369728401801524  |
| 264 | 99.0  | 94.97858197932054  | 36.0 | 36.0               | 4.021418020679462   |
| 265 | 99.0  | 96.22511144130758  | 36.0 | 36.0               | 2.7748885586924246  |
| 266 | 99.0  | 96.22511144130758  | 36.0 | 36.0               | 2.7748885586924246  |
| 267 | 99.0  | 96.22511144130758  | 36.0 | 36.0               | 2.7748885586924246  |
| 268 | 99.0  | 98.2247191011236   | 36.0 | 36.0               | 0.7752808988764031  |
| 269 | 99.0  | 98.2247191011236   | 36.0 | 36.0               | 0.7752808988764031  |
| 270 | 100.5 | 91.21525423728815  | 36.0 | 36.0               | 9.28474576271185    |
| 271 | 100.5 | 100.5              | 36.0 | 36.0               | 0.0                 |
| 272 | 100.5 | 100.5              | 36.0 | 36.0               | 0.0                 |
| 273 | 100.5 | 103.26395939086294 | 36.0 | 36.0               | 2.7639593908629365  |
| 274 | 100.5 | 100.5              | 36.0 | 36.0               | 0.0                 |
| 275 | 100.5 | 100.5              | 36.0 | 36.0               | 0.0                 |
| 276 | 100.5 | 100.5              | 36.0 | 36.0               | 0.0                 |
| 277 | 102.0 | 94.77606423655367  | 36.0 | 36.0               | 7.223935763446335   |
| 278 | 102.0 | 104.93264189651242 | 36.0 | 36.0               | 2.932641896512422   |
|     |       |                    |      |                    |                     |

|     |       |                    |      |                     |                       |
|-----|-------|--------------------|------|---------------------|-----------------------|
| 279 | 102.0 | 104.93264189651242 | 36.0 | 36.0                | 2.932641896512422     |
| 280 | 102.0 | 103.73188405797102 | 36.0 | 36.0                | 1.7318840579710155    |
| 281 | 102.0 | 104.09635958928699 | 36.0 | 36.0                | 2.0963595892869904    |
| 282 | 102.0 | 102.0              | 36.0 | 36.0                | 0.0                   |
| 283 | 103.5 | 103.5              | 36.0 | 36.0                | 0.0                   |
| 284 | 103.5 | 104.71841553881873 | 36.0 | 36.000000000000001  | 1.218415538818732     |
| 285 | 103.5 | 103.5              | 36.0 | 36.0                | 0.0                   |
| 286 | 103.5 | 104.81689553702795 | 36.0 | 36.0                | 1.3168955370279463    |
| 287 | 103.5 | 104.81689553702795 | 36.0 | 36.0                | 1.3168955370279463    |
| 288 | 103.5 | 104.81689553702795 | 36.0 | 36.0                | 1.3168955370279463    |
| 289 | 103.5 | 105.29251310471416 | 36.0 | 36.0                | 1.7925131047141605    |
| 290 | 103.5 | 103.26613885505482 | 36.0 | 36.0                | 0.2338611449451804    |
| 291 | 103.5 | 103.26613885505482 | 36.0 | 36.0                | 0.2338611449451804    |
| 292 | 105.0 | 105.0              | 36.0 | 36.0                | 0.0                   |
| 293 | 105.0 | 104.52102637205986 | 36.0 | 35.99999999999999   | 0.4789736279401353    |
| 294 | 105.0 | 105.0              | 36.0 | 36.0                | 0.0                   |
| 295 | 105.0 | 105.26073682807748 | 36.0 | 36.0                | 0.26073682807748355   |
| 296 | 105.0 | 105.00143815915628 | 36.0 | 36.0                | 0.0014381591562795393 |
| 297 | 106.5 | 105.0126647904014  | 36.0 | 35.99999999999999   | 1.4873352095985979    |
| 298 | 106.5 | 105.15857327223755 | 36.0 | 36.0                | 1.3414267277624532    |
| 299 | 106.5 | 105.15857327223755 | 36.0 | 36.0                | 1.3414267277624532    |
| 300 | 106.5 | 105.74833319638377 | 36.0 | 36.0                | 0.7516668036162315    |
| 301 | 45.0  | 45.0               | 1.5  | 3.1945796199458965  | 1.6945796199458965    |
| 302 | 45.0  | 44.99999999999999  | 1.5  | 3.2062499999999994  | 1.7062499999999994    |
| 303 | 45.0  | 44.99999999999999  | 1.5  | 3.2062499999999994  | 1.7062499999999994    |
| 304 | 45.0  | 44.99999999999999  | 0.0  | 2.250374524091561   | 2.250374524091561     |
| 305 | 45.0  | 45.07560848029733  | 0.0  | 0.1295011062905339  | 0.14995725665450274   |
| 306 | 45.0  | 45.07727347383503  | 0.0  | 0.12665020422982964 | 0.1483626098111998    |
| 307 | 45.0  | 48.70107795155595  | 0.0  | 0.0                 | 3.701077951555952     |
| 308 | 46.5  | 45.71182289857602  | 0.0  | 0.9920291241863988  | 1.2670220702273285    |
| 309 | 46.5  | 45.71182289857602  | 0.0  | 0.9920291241863988  | 1.2670220702273285    |
| 310 | 46.5  | 46.475230069390534 | 0.0  | 0.7959646956810614  | 0.7963500149011379    |
| 311 | 46.5  | 46.475230069390534 | 0.0  | 0.7959646956810614  | 0.7963500149011379    |
| 312 | 46.5  | 46.61677645036939  | 0.0  | 0.0                 | 0.1167764503693931    |
| 313 | 46.5  | 46.68048220679483  | 0.0  | 0.0                 | 0.18048220679482796   |
| 314 | 46.5  | 49.29035933579172  | 0.0  | 0.0                 | 2.7903593357917202    |
| 315 | 48.0  | 49.30648296368771  | 0.0  | 0.0                 | 1.3064829636877135    |
| 316 | 48.0  | 48.121756844869076 | 0.0  | 0.0                 | 0.12175684486907556   |
| 317 | 48.0  | 48.121756844869076 | 0.0  | 0.0                 | 0.12175684486907556   |
| 318 | 48.0  | 48.0               | 0.0  | 0.0                 | 0.0                   |
|     |       |                    |      |                     |                       |



|     |       |                    |     |                   |                      |
|-----|-------|--------------------|-----|-------------------|----------------------|
| 319 | 48.0  | 48.50728555932707  | 0.0 | 0.0               | 0.5072855593270731   |
| 320 | 48.0  | 48.12409538221687  | 0.0 | 0.0               | 0.124095382216872    |
| 321 | 48.0  | 48.0               | 0.0 | 0.0               | 0.0                  |
| 322 | 48.0  | 48.0               | 0.0 | 0.0               | 0.0                  |
| 323 | 48.0  | 49.040208488458674 | 0.0 | 0.0               | 1.0402084884586742   |
| 324 | 48.0  | 49.54893031363344  | 0.0 | 0.0               | 1.5489303136334414   |
| 325 | 49.5  | 50.19046274144718  | 0.0 | 0.0               | 0.6904627414471776   |
| 326 | 49.5  | 49.54197486572947  | 0.0 | 0.0               | 0.041974865729471844 |
| 327 | 49.5  | 49.5               | 0.0 | 0.0               | 0.0                  |
| 328 | 49.5  | 49.5               | 0.0 | 0.0               | 0.0                  |
| 329 | 49.5  | 49.5               | 0.0 | 0.0               | 0.0                  |
| 330 | 49.5  | 49.8026515512856   | 0.0 | 0.0               | 0.3026515512855994   |
| 331 | 49.5  | 50.990761522954585 | 0.0 | 0.0               | 1.4907615229545854   |
| 332 | 49.5  | 50.990761522954585 | 0.0 | 0.0               | 1.4907615229545854   |
| 333 | 49.5  | 50.990761522954585 | 0.0 | 0.0               | 1.4907615229545854   |
| 334 | 51.0  | 49.72269237882901  | 0.0 | 0.0               | 1.2773076211709906   |
| 335 | 51.0  | 51.0               | 0.0 | 0.0               | 0.0                  |
| 336 | 51.0  | 51.03947934365417  | 0.0 | 0.0               | 0.03947934365417183  |
| 337 | 51.0  | 51.03947934365417  | 0.0 | 0.0               | 0.03947934365417183  |
| 338 | 51.0  | 51.03947934365417  | 0.0 | 0.0               | 0.03947934365417183  |
| 339 | 51.0  | 51.0               | 0.0 | 0.0               | 0.0                  |
| 340 | 52.5  | 52.5               | 0.0 | 0.0               | 0.0                  |
| 341 | 52.5  | 52.35359084687978  | 0.0 | 0.0               | 0.14640915312021718  |
| 342 | 52.5  | 52.5               | 0.0 | 0.0               | 0.0                  |
| 343 | 52.5  | 53.32310923943501  | 0.0 | 0.0               | 0.8231092394350128   |
| 344 | 52.5  | 53.856532149448796 | 0.0 | 0.0               | 1.356532149448796    |
| 345 | 54.0  | 54.25972037077848  | 0.0 | 0.0               | 0.2597203707784814   |
| 346 | 54.0  | 52.8616611791243   | 0.0 | 0.0               | 1.1383388208757026   |
| 347 | 54.0  | 52.8616611791243   | 0.0 | 0.0               | 1.1383388208757026   |
| 348 | 54.0  | 53.02308132572133  | 0.0 | 0.0               | 0.9769186742786715   |
| 349 | 54.0  | 54.113100789956015 | 0.0 | 0.0               | 0.11310078995601458  |
| 350 | 54.0  | 54.113100789956015 | 0.0 | 0.0               | 0.11310078995601458  |
| 351 | 144.0 | 144.0              | 1.5 | 4.12024250589424  | 2.6202425058942396   |
| 352 | 144.0 | 144.0              | 1.5 | 4.12024250589424  | 2.6202425058942396   |
| 353 | 144.0 | 144.0              | 1.5 | 4.167860111246084 | 2.6678601112460836   |
| 354 | 144.0 | 144.0              | 3.0 | 3.0               | 0.0                  |
| 355 | 144.0 | 144.0              | 3.0 | 4.229382795375337 | 1.2293827953753373   |
| 356 | 144.0 | 144.0              | 3.0 | 4.229382795375337 | 1.2293827953753373   |
| 357 | 144.0 | 144.0              | 3.0 | 5.09439165366193  | 2.09439165366193     |
| 358 | 144.0 | 144.0              | 3.0 | 4.201989004016581 | 1.201989004016581    |
|     |       |                    |     |                   |                      |

|     |       |                     |      |                    |                      |
|-----|-------|---------------------|------|--------------------|----------------------|
| 359 | 144.0 | 144.0               | 3.0  | 4.201989004016581  | 1.201989004016581    |
| 360 | 144.0 | 144.0               | 3.0  | 4.201989004016581  | 1.201989004016581    |
| 361 | 144.0 | 144.0               | 3.0  | 4.1918665450648165 | 1.1918665450648165   |
| 362 | 144.0 | 144.0               | 3.0  | 3.0                | 0.0                  |
| 363 | 144.0 | 144.0               | 3.0  | 3.0                | 0.0                  |
| 364 | 144.0 | 144.000000000000003 | 4.5  | 4.198752130133022  | 0.3012478698669776   |
| 365 | 144.0 | 144.000000000000003 | 4.5  | 4.198752130133022  | 0.3012478698669776   |
| 366 | 144.0 | 144.0               | 4.5  | 4.5                | 0.0                  |
| 367 | 144.0 | 144.0               | 4.5  | 4.236086101016908  | 0.26391389898309203  |
| 368 | 144.0 | 144.0               | 4.5  | 4.236086101016908  | 0.26391389898309203  |
| 369 | 144.0 | 144.0               | 4.5  | 4.236086101016908  | 0.26391389898309203  |
| 370 | 144.0 | 144.0               | 4.5  | 4.236086101016908  | 0.26391389898309203  |
| 371 | 144.0 | 144.0               | 4.5  | 4.5                | 0.0                  |
| 372 | 144.0 | 144.0               | 6.0  | 4.283465487677701  | 1.7165345123222986   |
| 373 | 144.0 | 144.000000000000003 | 6.0  | 4.220067667847842  | 1.7799323321521578   |
| 374 | 144.0 | 144.000000000000003 | 6.0  | 4.220067667847842  | 1.7799323321521578   |
| 375 | 144.0 | 144.000000000000003 | 6.0  | 4.220067667847842  | 1.7799323321521578   |
| 376 | 144.0 | 144.0               | 6.0  | 3.950435576787972  | 2.049564423212028    |
| 377 | 144.0 | 144.0               | 7.5  | 7.636891452106639  | 0.13689145210663867  |
| 378 | 144.0 | 144.0               | 7.5  | 7.490421919931655  | 0.009578080068345152 |
| 379 | 144.0 | 144.0               | 7.5  | 7.490421919931655  | 0.009578080068345152 |
| 380 | 144.0 | 144.0               | 7.5  | 7.490421919931655  | 0.009578080068345152 |
| 381 | 144.0 | 144.000000000000003 | 7.5  | 6.577979137973772  | 0.922020862026228    |
| 382 | 144.0 | 144.000000000000003 | 7.5  | 6.577979137973772  | 0.922020862026228    |
| 383 | 144.0 | 144.0               | 7.5  | 4.21080174413736   | 3.2891982558626403   |
| 384 | 144.0 | 144.0               | 7.5  | 7.5                | 0.0                  |
| 385 | 144.0 | 144.0               | 7.5  | 7.5                | 0.0                  |
| 386 | 144.0 | 144.0               | 9.0  | 8.471363616189967  | 0.5286363838100332   |
| 387 | 144.0 | 144.0               | 9.0  | 8.471363616189967  | 0.5286363838100332   |
| 388 | 144.0 | 144.0               | 9.0  | 9.987517123303013  | 0.9875171233030127   |
| 389 | 144.0 | 144.0               | 9.0  | 9.0                | 0.0                  |
| 390 | 144.0 | 144.0               | 9.0  | 9.0                | 0.0                  |
| 391 | 144.0 | 144.000000000000003 | 9.0  | 9.118690168863026  | 0.11869016886302575  |
| 392 | 144.0 | 144.0               | 9.0  | 9.81649780978537   | 0.8164978097853695   |
| 393 | 144.0 | 144.0               | 10.5 | 10.5               | 0.0                  |
| 394 | 144.0 | 144.0               | 10.5 | 10.428859838626277 | 0.07114016137372303  |
| 395 | 144.0 | 144.0               | 10.5 | 10.428859838626277 | 0.07114016137372303  |
| 396 | 144.0 | 144.000000000000003 | 10.5 | 10.015962661134868 | 0.4840373388651322   |
| 397 | 144.0 | 144.000000000000003 | 10.5 | 10.015962661134868 | 0.4840373388651322   |
| 398 | 144.0 | 144.0               | 10.5 | 9.884259308402912  | 0.6157406915970878   |
|     |       |                     |      |                    |                      |

|     |       |                    |      |                    |                     |
|-----|-------|--------------------|------|--------------------|---------------------|
| 399 | 144.0 | 144.0              | 12.0 | 12.0               | 0.0                 |
| 400 | 144.0 | 144.0              | 12.0 | 12.0               | 0.0                 |
| 401 | 136.5 | 137.96734997782147 | 31.5 | 31.500000000000004 | 1.4673499778214705  |
| 402 | 136.5 | 137.78351464682694 | 31.5 | 31.499999999999993 | 1.2835146468269443  |
| 403 | 136.5 | 137.78351464682694 | 31.5 | 31.499999999999993 | 1.2835146468269443  |
| 404 | 136.5 | 134.31066441983629 | 31.5 | 31.5               | 2.189335580163714   |
| 405 | 136.5 | 136.5              | 31.5 | 31.5               | 0.0                 |
| 406 | 136.5 | 136.5              | 31.5 | 31.5               | 0.0                 |
| 407 | 135.0 | 135.21568906605924 | 31.5 | 31.500000000000004 | 0.21568906605924099 |
| 408 | 135.0 | 135.21568906605924 | 31.5 | 31.500000000000004 | 0.21568906605924099 |
| 409 | 135.0 | 134.5665308893415  | 31.5 | 31.5               | 0.4334691106585069  |
| 410 | 135.0 | 133.52653846153848 | 31.5 | 31.500000000000007 | 1.473461538461521   |
| 411 | 135.0 | 133.52653846153848 | 31.5 | 31.500000000000007 | 1.473461538461521   |
| 412 | 135.0 | 133.52653846153848 | 31.5 | 31.500000000000007 | 1.473461538461521   |
| 413 | 135.0 | 133.52653846153848 | 31.5 | 31.500000000000007 | 1.473461538461521   |
| 414 | 135.0 | 132.81912784935582 | 31.5 | 31.5               | 2.180872150644177   |
| 415 | 135.0 | 132.81912784935582 | 31.5 | 31.5               | 2.180872150644177   |
| 416 | 133.5 | 132.72289156626508 | 31.5 | 31.5               | 0.7771084337349237  |
| 417 | 133.5 | 132.72289156626508 | 31.5 | 31.5               | 0.7771084337349237  |
| 418 | 133.5 | 132.72289156626508 | 31.5 | 31.5               | 0.7771084337349237  |
| 419 | 133.5 | 132.72289156626508 | 31.5 | 31.5               | 0.7771084337349237  |
| 420 | 133.5 | 132.72916666666669 | 31.5 | 31.5               | 0.7708333333333144  |
| 421 | 133.5 | 133.5              | 31.5 | 31.5               | 0.0                 |
| 422 | 133.5 | 133.5              | 31.5 | 31.5               | 0.0                 |
| 423 | 132.0 | 132.57216494845363 | 31.5 | 31.5               | 0.5721649484536329  |
| 424 | 132.0 | 132.76642335766422 | 31.5 | 31.5               | 0.7664233576642232  |
| 425 | 132.0 | 132.76642335766422 | 31.5 | 31.5               | 0.7664233576642232  |
| 426 | 132.0 | 132.0              | 31.5 | 31.5               | 0.0                 |
| 427 | 132.0 | 130.50898203592817 | 31.5 | 31.500000000000007 | 1.4910179640718297  |
| 428 | 132.0 | 130.50898203592817 | 31.5 | 31.500000000000007 | 1.4910179640718297  |
| 429 | 132.0 | 130.50898203592817 | 31.5 | 31.500000000000007 | 1.4910179640718297  |
| 430 | 132.0 | 130.50898203592817 | 31.5 | 31.500000000000007 | 1.4910179640718297  |
| 431 | 132.0 | 131.55882352941177 | 31.5 | 31.5               | 0.44117647058823195 |
| 432 | 130.5 | 130.5              | 31.5 | 31.5               | 0.0                 |
| 433 | 130.5 | 130.5              | 31.5 | 31.5               | 0.0                 |
| 434 | 130.5 | 130.5              | 31.5 | 31.5               | 0.0                 |
| 435 | 130.5 | 130.5              | 31.5 | 31.5               | 0.0                 |
| 436 | 130.5 | 130.5              | 31.5 | 31.5               | 0.0                 |
| 437 | 130.5 | 130.67669654289372 | 31.5 | 31.5               | 0.1766965428937226  |
| 438 | 130.5 | 130.20967741935482 | 31.5 | 31.499999999999993 | 0.29032258064518146 |
|     |       |                    |      |                    |                     |

|     |       |                    |      |                    |                      |
|-----|-------|--------------------|------|--------------------|----------------------|
| 439 | 130.5 | 130.20967741935482 | 31.5 | 31.499999999999993 | 0.29032258064518146  |
| 440 | 129.0 | 129.0              | 31.5 | 31.5               | 0.0                  |
| 441 | 129.0 | 129.0              | 31.5 | 31.5               | 0.0                  |
| 442 | 129.0 | 129.0              | 31.5 | 31.5               | 0.0                  |
| 443 | 129.0 | 126.82075471698116 | 31.5 | 31.500000000000007 | 2.179245283018844    |
| 444 | 129.0 | 126.82075471698116 | 31.5 | 31.500000000000007 | 2.179245283018844    |
| 445 | 127.5 | 129.3137614678899  | 31.5 | 31.499999999999996 | 1.81376146788989     |
| 446 | 127.5 | 129.3137614678899  | 31.5 | 31.499999999999996 | 1.81376146788989     |
| 447 | 127.5 | 129.3137614678899  | 31.5 | 31.499999999999996 | 1.81376146788989     |
| 448 | 127.5 | 129.3137614678899  | 31.5 | 31.499999999999996 | 1.81376146788989     |
| 449 | 127.5 | 129.618245699055   | 31.5 | 31.499999999999996 | 2.118245699054995    |
| 450 | 127.5 | 129.618245699055   | 31.5 | 31.499999999999996 | 2.118245699054995    |
| 451 | 72.0  | 72.0               | 16.5 | 16.5               | 0.0                  |
| 452 | 72.0  | 72.0               | 16.5 | 16.5               | 0.0                  |
| 453 | 72.0  | 71.99999999999999  | 16.5 | 16.49823316996359  | 0.001766830036409317 |
| 454 | 72.0  | 72.0               | 18.0 | 18.0               | 0.0                  |
| 455 | 72.0  | 72.0               | 18.0 | 18.0               | 0.0                  |
| 456 | 72.0  | 72.0               | 18.0 | 16.9024571192964   | 1.0975428807035996   |
| 457 | 72.0  | 72.0               | 18.0 | 16.90996583438803  | 1.0900341656119714   |
| 458 | 72.0  | 72.0               | 18.0 | 16.90996583438803  | 1.0900341656119714   |
| 459 | 72.0  | 72.0               | 18.0 | 16.90996583438803  | 1.0900341656119714   |
| 460 | 72.0  | 72.000000000000001 | 18.0 | 17.29089387016399  | 0.7091061298360088   |
| 461 | 72.0  | 72.0               | 19.5 | 18.0               | 1.5                  |
| 462 | 72.0  | 72.0               | 19.5 | 19.5               | 0.0                  |
| 463 | 72.0  | 72.0               | 19.5 | 19.5               | 0.0                  |
| 464 | 72.0  | 72.0               | 19.5 | 19.5               | 0.0                  |
| 465 | 72.0  | 71.99999999999999  | 19.5 | 19.05096079320588  | 0.4490392067941187   |
| 466 | 72.0  | 72.000000000000001 | 19.5 | 20.80304281757241  | 1.3030428175724111   |
| 467 | 72.0  | 71.99999999999999  | 19.5 | 20.82827996599603  | 1.3282799659960283   |
| 468 | 72.0  | 72.000000000000001 | 21.0 | 21.177034419325167 | 0.1770344193251674   |
| 469 | 72.0  | 72.0               | 21.0 | 21.150969612823598 | 0.150969612823598    |
| 470 | 72.0  | 72.0               | 21.0 | 21.150969612823598 | 0.150969612823598    |
| 471 | 72.0  | 72.0               | 21.0 | 21.150969612823598 | 0.150969612823598    |
| 472 | 72.0  | 72.0               | 21.0 | 21.150969612823598 | 0.150969612823598    |
| 473 | 72.0  | 72.0               | 21.0 | 21.150969612823598 | 0.150969612823598    |
| 474 | 72.0  | 72.0               | 21.0 | 21.150969612823598 | 0.150969612823598    |
| 475 | 72.0  | 72.0               | 21.0 | 21.0               | 0.0                  |
| 476 | 72.0  | 72.0               | 21.0 | 21.0               | 0.0                  |
| 477 | 72.0  | 72.000000000000001 | 22.5 | 22.446216148026423 | 0.05378385197357716  |
| 478 | 72.0  | 72.000000000000001 | 22.5 | 22.446216148026423 | 0.05378385197357716  |
|     |       |                    |      |                    |                      |

|     |       |                    |      |                    |                      |
|-----|-------|--------------------|------|--------------------|----------------------|
| 479 | 72.0  | 72.00000000000001  | 22.5 | 22.446216148026423 | 0.05378385197357716  |
| 480 | 72.0  | 72.00000000000001  | 24.0 | 23.956989300324285 | 0.04301069967571536  |
| 481 | 72.0  | 72.0               | 24.0 | 23.96285538551608  | 0.037144614483921146 |
| 482 | 72.0  | 72.0               | 24.0 | 24.0               | 0.0                  |
| 483 | 72.0  | 72.0               | 24.0 | 24.0               | 0.0                  |
| 484 | 72.0  | 72.0               | 24.0 | 24.0               | 0.0                  |
| 485 | 72.0  | 72.0               | 24.0 | 24.0               | 0.0                  |
| 486 | 72.0  | 72.0               | 25.5 | 25.5               | 0.0                  |
| 487 | 72.0  | 72.00000000000001  | 25.5 | 25.365442095554386 | 0.13455790444561444  |
| 488 | 72.0  | 72.00000000000001  | 25.5 | 25.365442095554386 | 0.13455790444561444  |
| 489 | 72.0  | 72.0               | 25.5 | 22.879832100385592 | 2.620167899614408    |
| 490 | 72.0  | 72.0               | 25.5 | 25.51390814018751  | 0.013908140187510298 |
| 491 | 72.0  | 72.0               | 25.5 | 24.827637896463433 | 0.6723621035365674   |
| 492 | 72.0  | 72.0               | 25.5 | 24.827637896463433 | 0.6723621035365674   |
| 493 | 72.0  | 72.0               | 25.5 | 24.827637896463433 | 0.6723621035365674   |
| 494 | 72.0  | 72.0               | 25.5 | 24.827637896463433 | 0.6723621035365674   |
| 495 | 72.0  | 72.0               | 25.5 | 24.827637896463433 | 0.6723621035365674   |
| 496 | 72.0  | 71.99999999999999  | 27.0 | 26.568954282984585 | 0.43104571701541516  |
| 497 | 72.0  | 72.38655776914591  | 27.0 | 29.352253196006266 | 2.3838041041597267   |
| 498 | 72.0  | 72.0               | 27.0 | 27.0               | 0.0                  |
| 499 | 72.0  | 71.99999999999999  | 27.0 | 26.87189575403134  | 0.128104245968661    |
| 500 | 72.0  | 71.99999999999999  | 27.0 | 26.87189575403134  | 0.128104245968661    |
| 501 | 115.5 | 113.36968027608515 | 36.0 | 35.99999999999999  | 2.1303197239148517   |
| 502 | 115.5 | 113.36968027608515 | 36.0 | 35.99999999999999  | 2.1303197239148517   |
| 503 | 115.5 | 113.36968027608515 | 36.0 | 35.99999999999999  | 2.1303197239148517   |
| 504 | 115.5 | 113.36968027608515 | 36.0 | 35.99999999999999  | 2.1303197239148517   |
| 505 | 115.5 | 113.36968027608515 | 36.0 | 35.99999999999999  | 2.1303197239148517   |
| 506 | 115.5 | 113.18905353554253 | 36.0 | 36.0               | 2.310946464457473    |
| 507 | 117.0 | 113.18905353554253 | 36.0 | 36.0               | 3.810946464457473    |
| 508 | 117.0 | 116.90888107171192 | 36.0 | 35.986892522494585 | 0.09205685775065157  |
| 509 | 117.0 | 116.90888107171192 | 36.0 | 35.986892522494585 | 0.09205685775065157  |
| 510 | 117.0 | 117.0              | 36.0 | 36.0               | 0.0                  |
| 511 | 117.0 | 117.0              | 36.0 | 36.0               | 0.0                  |
| 512 | 117.0 | 117.0              | 36.0 | 36.0               | 0.0                  |
| 513 | 117.0 | 116.38825996346513 | 36.0 | 36.0               | 0.6117400365348686   |
| 514 | 117.0 | 117.74824830695171 | 36.0 | 35.63212151191253  | 0.8337926066196686   |
| 515 | 117.0 | 117.74824830695171 | 36.0 | 35.63212151191253  | 0.8337926066196686   |
| 516 | 118.5 | 117.74824830695171 | 36.0 | 35.63212151191253  | 0.8369379845594865   |
| 517 | 118.5 | 117.81865121960249 | 36.0 | 35.52529888588666  | 0.8304079168033157   |
| 518 | 118.5 | 118.5              | 36.0 | 36.0               | 0.0                  |
|     |       |                    |      |                    |                      |

|     |       |                    |      |                    |                     |
|-----|-------|--------------------|------|--------------------|---------------------|
| 519 | 118.5 | 118.5              | 36.0 | 36.0               | 0.0                 |
| 520 | 118.5 | 118.5              | 36.0 | 36.0               | 0.0                 |
| 521 | 118.5 | 118.5              | 36.0 | 36.0               | 0.0                 |
| 522 | 118.5 | 118.5              | 36.0 | 36.0               | 0.0                 |
| 523 | 118.5 | 116.80949604075869 | 36.0 | 35.843794119452454 | 1.697705484861313   |
| 524 | 118.5 | 118.5              | 36.0 | 36.0               | 0.0                 |
| 525 | 118.5 | 116.37772334665465 | 34.5 | 35.44656439345108  | 2.3237991187458853  |
| 526 | 118.5 | 116.37772334665465 | 34.5 | 35.44656439345108  | 2.3237991187458853  |
| 527 | 118.5 | 118.38055887317931 | 34.5 | 34.624385312898255 | 0.17244677103672534 |
| 528 | 118.5 | 118.38055887317931 | 34.5 | 34.624385312898255 | 0.17244677103672534 |
| 529 | 118.5 | 118.38055887317931 | 34.5 | 34.624385312898255 | 0.17244677103672534 |
| 530 | 118.5 | 118.38055887317931 | 34.5 | 34.624385312898255 | 0.17244677103672534 |
| 531 | 118.5 | 118.14088397790056 | 33.0 | 34.607734806629836 | 1.6473540984796202  |
| 532 | 118.5 | 118.14088397790056 | 33.0 | 34.607734806629836 | 1.6473540984796202  |
| 533 | 118.5 | 118.14088397790056 | 33.0 | 34.607734806629836 | 1.6473540984796202  |
| 534 | 118.5 | 118.95725806451613 | 33.0 | 33.602419354838716 | 0.75630286040007    |
| 535 | 118.5 | 118.95725806451613 | 33.0 | 33.602419354838716 | 0.75630286040007    |
| 536 | 118.5 | 119.80082005992747 | 33.0 | 32.92311938180098  | 1.30308996533792    |
| 537 | 118.5 | 121.76905033984417 | 33.0 | 31.748867431593567 | 3.5002889635232357  |
| 538 | 118.5 | 118.5              | 33.0 | 33.0               | 0.0                 |
| 539 | 118.5 | 118.5              | 33.0 | 33.0               | 0.0                 |
| 540 | 118.5 | 120.26624039847218 | 33.0 | 31.800113329509045 | 2.1352595081668704  |
| 541 | 118.5 | 120.12215889862057 | 33.0 | 31.85120683353414  | 1.987743754031831   |
| 542 | 118.5 | 120.47575712367598 | 31.5 | 31.303073250783232 | 1.9855468658063573  |
| 543 | 118.5 | 120.47575712367598 | 31.5 | 31.303073250783232 | 1.9855468658063573  |
| 544 | 118.5 | 119.44108016540457 | 31.5 | 31.225877096672683 | 0.9801914322449942  |
| 545 | 118.5 | 119.44108016540457 | 31.5 | 31.225877096672683 | 0.9801914322449942  |
| 546 | 118.5 | 120.62802233546569 | 31.5 | 31.50626152011276  | 2.1280315474341442  |
| 547 | 118.5 | 118.5              | 30.0 | 30.0               | 0.0                 |
| 548 | 118.5 | 118.5              | 30.0 | 30.0               | 0.0                 |
| 549 | 118.5 | 118.5              | 30.0 | 30.0               | 0.0                 |
| 550 | 118.5 | 118.5              | 30.0 | 30.0               | 0.0                 |
| 551 | 69.0  | 69.0               | 31.5 | 31.5               | 0.0                 |
| 552 | 69.0  | 68.39782986188925  | 31.5 | 31.499999999999993 | 0.6021701381107505  |
| 553 | 69.0  | 68.39782986188925  | 31.5 | 31.499999999999993 | 0.6021701381107505  |
| 554 | 69.0  | 68.39782986188925  | 31.5 | 31.499999999999993 | 0.6021701381107505  |
| 555 | 69.0  | 68.39782986188925  | 31.5 | 31.499999999999993 | 0.6021701381107505  |
| 556 | 69.0  | 68.36637677527321  | 31.5 | 31.5               | 0.6336232247267901  |
| 557 | 67.5  | 69.28598926702688  | 31.5 | 31.500000000000004 | 1.7859892670268778  |
| 558 | 67.5  | 69.28598926702688  | 31.5 | 31.500000000000004 | 1.7859892670268778  |
|     |       |                    |      |                    |                     |

|     |      |                    |      |                    |                     |
|-----|------|--------------------|------|--------------------|---------------------|
| 559 | 67.5 | 69.28598926702688  | 31.5 | 31.500000000000004 | 1.7859892670268778  |
| 560 | 67.5 | 68.39969533630186  | 31.5 | 31.1499752623493   | 0.9653854230983387  |
| 561 | 67.5 | 67.5               | 31.5 | 31.5               | 0.0                 |
| 562 | 67.5 | 67.60961518624772  | 31.5 | 31.488274848599463 | 0.11024050177447701 |
| 563 | 67.5 | 67.60961518624772  | 31.5 | 31.488274848599463 | 0.11024050177447701 |
| 564 | 67.5 | 67.60961518624772  | 31.5 | 31.488274848599463 | 0.11024050177447701 |
| 565 | 67.5 | 68.08934963469052  | 31.5 | 31.427403932593457 | 0.5938039919979874  |
| 566 | 67.5 | 69.13264302640044  | 31.5 | 31.500000000000004 | 1.6326430264004443  |
| 567 | 67.5 | 69.13264302640044  | 31.5 | 31.500000000000004 | 1.6326430264004443  |
| 568 | 66.0 | 68.1970075852876   | 31.5 | 31.500000000000004 | 2.1970075852875937  |
| 569 | 66.0 | 68.14912471823193  | 31.5 | 31.500000000000004 | 2.1491247182319313  |
| 570 | 66.0 | 68.35120570675151  | 31.5 | 31.5               | 2.3512057067515144  |
| 571 | 66.0 | 66.24280921788016  | 31.5 | 31.500000000000004 | 0.24280921788016485 |
| 572 | 66.0 | 66.24280921788016  | 31.5 | 31.500000000000004 | 0.24280921788016485 |
| 573 | 66.0 | 66.24280921788016  | 31.5 | 31.500000000000004 | 0.24280921788016485 |
| 574 | 64.5 | 64.5               | 31.5 | 31.5               | 0.0                 |
| 575 | 64.5 | 64.5               | 31.5 | 31.5               | 0.0                 |
| 576 | 64.5 | 64.5               | 31.5 | 31.5               | 0.0                 |
| 577 | 64.5 | 64.5               | 31.5 | 31.5               | 0.0                 |
| 578 | 64.5 | 64.23895900636073  | 31.5 | 31.499999999999996 | 0.2610409936392699  |
| 579 | 64.5 | 64.5               | 31.5 | 31.5               | 0.0                 |
| 580 | 64.5 | 64.5               | 31.5 | 31.5               | 0.0                 |
| 581 | 64.5 | 62.59662880007359  | 31.5 | 31.5               | 1.9033711999264114  |
| 582 | 63.0 | 62.88380490281815  | 31.5 | 31.500000000000004 | 0.11619509718185128 |
| 583 | 63.0 | 62.88380490281815  | 31.5 | 31.500000000000004 | 0.11619509718185128 |
| 584 | 63.0 | 63.0               | 31.5 | 31.5               | 0.0                 |
| 585 | 63.0 | 61.84926499960056  | 31.5 | 31.500000000000004 | 1.1507350003994432  |
| 586 | 63.0 | 61.84926499960056  | 31.5 | 31.500000000000004 | 1.1507350003994432  |
| 587 | 63.0 | 61.84926499960056  | 31.5 | 31.500000000000004 | 1.1507350003994432  |
| 588 | 63.0 | 61.84926499960056  | 31.5 | 31.500000000000004 | 1.1507350003994432  |
| 589 | 63.0 | 62.21136241195401  | 31.5 | 31.499999999999993 | 0.7886375880459866  |
| 590 | 63.0 | 62.13022011136378  | 31.5 | 31.5               | 0.8697798886362165  |
| 591 | 63.0 | 62.13022011136378  | 31.5 | 31.5               | 0.8697798886362165  |
| 592 | 63.0 | 62.13022011136378  | 31.5 | 31.5               | 0.8697798886362165  |
| 593 | 61.5 | 62.2724905114148   | 31.5 | 31.5               | 0.7724905114148015  |
| 594 | 61.5 | 61.66711990197795  | 31.5 | 31.500000000000007 | 0.1671199019779479  |
| 595 | 61.5 | 61.66711990197795  | 31.5 | 31.500000000000007 | 0.1671199019779479  |
| 596 | 61.5 | 61.5               | 31.5 | 31.5               | 0.0                 |
| 597 | 61.5 | 62.452506390429484 | 31.5 | 31.499999999999996 | 0.9525063904294839  |
| 598 | 61.5 | 61.5               | 31.5 | 31.5               | 0.0                 |
|     |      |                    |      |                    |                     |

|     |      |                    |      |                    |                       |
|-----|------|--------------------|------|--------------------|-----------------------|
| 599 | 61.5 | 61.5               | 31.5 | 31.5               | 0.0                   |
| 600 | 61.5 | 61.5               | 31.5 | 31.5               | 0.0                   |
| 601 | 45.0 | 45.0               | 18.0 | 18.0               | 0.0                   |
| 602 | 45.0 | 45.000000000000014 | 18.0 | 17.590671299069523 | 0.4093287009304767    |
| 603 | 45.0 | 45.0               | 18.0 | 15.30455671482855  | 2.69544328517145      |
| 604 | 45.0 | 45.0               | 18.0 | 16.029714791335863 | 1.9702852086641371    |
| 605 | 45.0 | 45.0               | 18.0 | 16.029714791335863 | 1.9702852086641371    |
| 606 | 45.0 | 45.0               | 16.5 | 15.180827273154609 | 1.319172726845391     |
| 607 | 45.0 | 45.0               | 16.5 | 16.98581889169814  | 0.4858188916981412    |
| 608 | 45.0 | 45.0               | 16.5 | 16.98581889169814  | 0.4858188916981412    |
| 609 | 45.0 | 45.0               | 16.5 | 16.98581889169814  | 0.4858188916981412    |
| 610 | 45.0 | 44.99999999999999  | 16.5 | 16.98566093686979  | 0.4856609368697917    |
| 611 | 45.0 | 44.99999999999999  | 16.5 | 16.98566093686979  | 0.4856609368697917    |
| 612 | 45.0 | 44.99999999999999  | 16.5 | 16.98566093686979  | 0.4856609368697917    |
| 613 | 45.0 | 45.0               | 16.5 | 16.5               | 0.0                   |
| 614 | 45.0 | 45.0               | 16.5 | 16.5               | 0.0                   |
| 615 | 45.0 | 45.0               | 16.5 | 16.44827881238581  | 0.05172118761419142   |
| 616 | 45.0 | 45.0               | 16.5 | 16.44827881238581  | 0.05172118761419142   |
| 617 | 45.0 | 45.0               | 15.0 | 15.0               | 0.0                   |
| 618 | 45.0 | 45.0               | 15.0 | 15.011075623565317 | 0.011075623565316661  |
| 619 | 45.0 | 45.0               | 15.0 | 15.241531590315395 | 0.24153159031539495   |
| 620 | 45.0 | 45.0               | 15.0 | 15.146403808907854 | 0.14640380890785387   |
| 621 | 45.0 | 45.0               | 15.0 | 15.146403808907854 | 0.14640380890785387   |
| 622 | 45.0 | 45.0               | 15.0 | 15.0               | 0.0                   |
| 623 | 45.0 | 45.0               | 15.0 | 14.996817289583651 | 0.0031827104163486553 |
| 624 | 45.0 | 45.0               | 13.5 | 13.5               | 0.0                   |
| 625 | 45.0 | 45.0               | 13.5 | 13.247967060808119 | 0.2520329391918814    |
| 626 | 45.0 | 45.0               | 13.5 | 13.134163115651168 | 0.3658368843488322    |
| 627 | 45.0 | 45.0               | 13.5 | 13.098705807309454 | 0.4012941926905462    |
| 628 | 45.0 | 44.99999999999999  | 12.0 | 12.137791210914262 | 0.13779121091426205   |
| 629 | 45.0 | 45.000000000000001 | 12.0 | 14.826853303143919 | 2.8268533031439187    |
| 630 | 45.0 | 45.0               | 12.0 | 12.048438556025856 | 0.04843855602585556   |
| 631 | 45.0 | 45.0               | 12.0 | 12.048438556025856 | 0.04843855602585556   |
| 632 | 45.0 | 45.0               | 12.0 | 12.0               | 0.0                   |
| 633 | 45.0 | 45.0               | 12.0 | 11.976418675956293 | 0.023581324043707497  |
| 634 | 45.0 | 45.0               | 12.0 | 12.0               | 0.0                   |
| 635 | 45.0 | 45.0               | 12.0 | 12.0               | 0.0                   |
| 636 | 45.0 | 45.0               | 10.5 | 10.45952410635101  | 0.04047589364899018   |
| 637 | 45.0 | 45.0               | 10.5 | 10.5               | 0.0                   |
| 638 | 45.0 | 45.000000000000001 | 10.5 | 10.420413139710362 | 0.07958686028963768   |
|     |      |                    |      |                    |                       |



|     |      |                    |      |                    |                      |
|-----|------|--------------------|------|--------------------|----------------------|
| 639 | 45.0 | 45.0               | 10.5 | 10.5               | 0.0                  |
| 640 | 45.0 | 45.0               | 10.5 | 10.5               | 0.0                  |
| 641 | 45.0 | 45.0               | 10.5 | 10.5               | 0.0                  |
| 642 | 45.0 | 45.0               | 9.0  | 9.045933540386415  | 0.045933540386414506 |
| 643 | 45.0 | 44.99999999999999  | 9.0  | 9.659893388089206  | 0.6598933880892055   |
| 644 | 45.0 | 44.99999999999999  | 9.0  | 9.659893388089206  | 0.6598933880892055   |
| 645 | 45.0 | 44.99999999999999  | 9.0  | 9.659893388089206  | 0.6598933880892055   |
| 646 | 45.0 | 44.99999999999999  | 9.0  | 7.887818717193889  | 1.1121812828061106   |
| 647 | 45.0 | 45.000000000000014 | 9.0  | 9.369397465608206  | 0.3693974656082055   |
| 648 | 45.0 | 45.000000000000014 | 9.0  | 9.369397465608206  | 0.3693974656082055   |
| 649 | 45.0 | 45.000000000000014 | 9.0  | 9.369397465608206  | 0.3693974656082055   |
| 650 | 45.0 | 44.99999999999999  | 7.5  | 9.298649395416058  | 1.7986493954160583   |
| 651 | 27.0 | 27.563959955506128 | 36.0 | 36.000000000000001 | 0.5639599555061281   |
| 652 | 27.0 | 27.563959955506128 | 36.0 | 36.000000000000001 | 0.5639599555061281   |
| 653 | 27.0 | 27.0               | 36.0 | 36.0               | 0.0                  |
| 654 | 28.5 | 23.565683924312193 | 36.0 | 36.0               | 4.934316075687807    |
| 655 | 28.5 | 27.59642183147366  | 36.0 | 36.0               | 0.9035781685263409   |
| 656 | 28.5 | 27.59642183147366  | 36.0 | 36.0               | 0.9035781685263409   |
| 657 | 28.5 | 27.64531162438252  | 36.0 | 36.0               | 0.8546883756174815   |
| 658 | 28.5 | 28.49184286910731  | 36.0 | 36.000000000000001 | 0.0081571308926911   |
| 659 | 28.5 | 28.5               | 36.0 | 36.0               | 0.0                  |
| 660 | 28.5 | 28.5               | 36.0 | 36.0               | 0.0                  |
| 661 | 28.5 | 28.5               | 36.0 | 36.0               | 0.0                  |
| 662 | 30.0 | 28.546902085893564 | 36.0 | 36.0               | 1.4530979141064364   |
| 663 | 30.0 | 30.0               | 36.0 | 36.0               | 0.0                  |
| 664 | 30.0 | 30.211639422011682 | 36.0 | 36.0               | 0.2116394220116824   |
| 665 | 30.0 | 30.251597141672327 | 36.0 | 36.0               | 0.2515971416723275   |
| 666 | 30.0 | 30.251597141672327 | 36.0 | 36.0               | 0.2515971416723275   |
| 667 | 30.0 | 30.0               | 36.0 | 36.0               | 0.0                  |
| 668 | 30.0 | 30.0               | 36.0 | 36.0               | 0.0                  |
| 669 | 30.0 | 30.0               | 36.0 | 36.0               | 0.0                  |
| 670 | 31.5 | 30.45112605296116  | 36.0 | 36.0               | 1.0488739470388388   |
| 671 | 31.5 | 30.45112605296116  | 36.0 | 36.0               | 1.0488739470388388   |
| 672 | 31.5 | 30.45112605296116  | 36.0 | 36.0               | 1.0488739470388388   |
| 673 | 31.5 | 30.46119714758643  | 36.0 | 36.0               | 1.0388028524135713   |
| 674 | 31.5 | 31.5               | 36.0 | 36.0               | 0.0                  |
| 675 | 31.5 | 31.5               | 36.0 | 36.0               | 0.0                  |
| 676 | 31.5 | 32.79421988280862  | 36.0 | 36.000000000000001 | 1.294219882808619    |
| 677 | 33.0 | 33.0               | 36.0 | 36.0               | 0.0                  |
| 678 | 33.0 | 32.83499214248299  | 36.0 | 36.0               | 0.1650078575170113   |
|     |      |                    |      |                    |                      |

|     |      |                    |      |                     |                     |
|-----|------|--------------------|------|---------------------|---------------------|
| 679 | 33.0 | 31.41354903943377  | 36.0 | 35.99999999999999   | 1.5864509605662285  |
| 680 | 33.0 | 33.959289415247966 | 36.0 | 36.0                | 0.9592894152479658  |
| 681 | 33.0 | 33.959289415247966 | 36.0 | 36.0                | 0.9592894152479658  |
| 682 | 33.0 | 33.991279643981734 | 36.0 | 36.0                | 0.9912796439817342  |
| 683 | 33.0 | 33.991279643981734 | 36.0 | 36.0                | 0.9912796439817342  |
| 684 | 33.0 | 33.991279643981734 | 36.0 | 36.0                | 0.9912796439817342  |
| 685 | 33.0 | 34.03089121061896  | 36.0 | 36.0                | 1.030891210618961   |
| 686 | 33.0 | 33.0               | 36.0 | 36.0                | 0.0                 |
| 687 | 33.0 | 33.0               | 36.0 | 36.0                | 0.0                 |
| 688 | 33.0 | 33.0               | 36.0 | 36.0                | 0.0                 |
| 689 | 33.0 | 32.70177449168207  | 36.0 | 35.99999999999999   | 0.2982255083179268  |
| 690 | 33.0 | 31.342578792395216 | 36.0 | 36.0                | 1.6574212076047843  |
| 691 | 34.5 | 33.86399871812439  | 36.0 | 35.99999999999999   | 0.6360012818756076  |
| 692 | 34.5 | 34.907498463429626 | 36.0 | 36.0                | 0.4074984634296257  |
| 693 | 34.5 | 34.907498463429626 | 36.0 | 36.0                | 0.4074984634296257  |
| 694 | 34.5 | 34.907498463429626 | 36.0 | 36.0                | 0.4074984634296257  |
| 695 | 34.5 | 35.20838422875909  | 36.0 | 36.000000000000001  | 0.7083842287590869  |
| 696 | 34.5 | 35.20838422875909  | 36.0 | 36.000000000000001  | 0.7083842287590869  |
| 697 | 34.5 | 35.20838422875909  | 36.0 | 36.000000000000001  | 0.7083842287590869  |
| 698 | 34.5 | 35.221672620211855 | 36.0 | 36.0                | 0.7216726202118551  |
| 699 | 36.0 | 35.934085943190105 | 36.0 | 36.0000000000000014 | 0.06591405680989482 |
| 700 | 36.0 | 35.50961973402491  | 36.0 | 36.0                | 0.4903802659750909  |
| 701 | 64.5 | 64.5               | 0.0  | 0.0                 | 0.0                 |
| 702 | 64.5 | 64.5               | 0.0  | 0.0                 | 0.0                 |
| 703 | 64.5 | 64.5               | 0.0  | 0.0                 | 0.0                 |
| 704 | 64.5 | 64.55995756264767  | 0.0  | 0.0                 | 0.05995756264766783 |
| 705 | 64.5 | 64.5               | 0.0  | 0.0                 | 0.0                 |
| 706 | 66.0 | 66.0               | 0.0  | 0.0                 | 0.0                 |
| 707 | 66.0 | 66.0               | 0.0  | 0.0                 | 0.0                 |
| 708 | 66.0 | 66.0               | 0.0  | 0.0                 | 0.0                 |
| 709 | 66.0 | 66.0               | 0.0  | 0.0                 | 0.0                 |
| 710 | 66.0 | 66.46603495528898  | 0.0  | 0.0                 | 0.46603495528897554 |
| 711 | 66.0 | 66.55790989899943  | 0.0  | 0.0                 | 0.5579098989994264  |
| 712 | 66.0 | 66.55790989899943  | 0.0  | 0.0                 | 0.5579098989994264  |
| 713 | 66.0 | 66.55790989899943  | 0.0  | 0.0                 | 0.5579098989994264  |
| 714 | 66.0 | 66.55790989899943  | 0.0  | 0.0                 | 0.5579098989994264  |
| 715 | 66.0 | 66.55258886818801  | 0.0  | 0.0                 | 0.5525888681880105  |
| 716 | 67.5 | 66.90293989609168  | 0.0  | 0.0                 | 0.5970601039083192  |
| 717 | 67.5 | 66.90293989609168  | 0.0  | 0.0                 | 0.5970601039083192  |
| 718 | 67.5 | 66.90293989609168  | 0.0  | 0.0                 | 0.5970601039083192  |
|     |      |                    |      |                     |                     |

|     |      |                    |      |                     |                     |
|-----|------|--------------------|------|---------------------|---------------------|
| 719 | 67.5 | 66.42406610332756  | 0.0  | 0.0                 | 1.0759338966724386  |
| 720 | 67.5 | 67.84852849092049  | 0.0  | 0.0                 | 0.34852849092048643 |
| 721 | 67.5 | 67.84852849092049  | 0.0  | 0.0                 | 0.34852849092048643 |
| 722 | 67.5 | 67.81907353823992  | 0.0  | 0.0                 | 0.3190735382399197  |
| 723 | 67.5 | 67.84852849092049  | 0.0  | 0.0                 | 0.34852849092048643 |
| 724 | 67.5 | 67.84852849092049  | 0.0  | 0.0                 | 0.34852849092048643 |
| 725 | 67.5 | 67.18770577349751  | 0.0  | 0.0                 | 0.3122942265024875  |
| 726 | 67.5 | 67.5               | 0.0  | 0.0                 | 0.0                 |
| 727 | 67.5 | 67.5               | 0.0  | 0.0                 | 0.0                 |
| 728 | 67.5 | 67.5               | 0.0  | 0.0                 | 0.0                 |
| 729 | 69.0 | 69.0               | 0.0  | 0.0                 | 0.0                 |
| 730 | 69.0 | 69.0               | 0.0  | 0.0                 | 0.0                 |
| 731 | 69.0 | 69.0               | 0.0  | 0.0                 | 0.0                 |
| 732 | 69.0 | 69.0               | 0.0  | 0.0                 | 0.0                 |
| 733 | 69.0 | 69.0               | 0.0  | 0.0                 | 0.0                 |
| 734 | 69.0 | 68.94230862520617  | 0.0  | 0.0                 | 0.05769137479383346 |
| 735 | 69.0 | 68.94230862520617  | 0.0  | 0.0                 | 0.05769137479383346 |
| 736 | 69.0 | 68.94230862520617  | 0.0  | 0.0                 | 0.05769137479383346 |
| 737 | 69.0 | 67.89967833658154  | 0.0  | 0.0                 | 1.1003216634184554  |
| 738 | 69.0 | 68.13176491286373  | 0.0  | 0.0                 | 0.8682350871362701  |
| 739 | 70.5 | 68.95292268782816  | 0.0  | 0.0                 | 1.5470773121718366  |
| 740 | 70.5 | 70.5               | 0.0  | 0.0                 | 0.0                 |
| 741 | 70.5 | 70.5               | 0.0  | 0.0                 | 0.0                 |
| 742 | 70.5 | 70.5               | 0.0  | 0.0                 | 0.0                 |
| 743 | 70.5 | 70.5               | 0.0  | 0.0                 | 0.0                 |
| 744 | 70.5 | 70.0930435040128   | 0.0  | 0.0                 | 0.4069564959872025  |
| 745 | 70.5 | 70.5               | 0.0  | 0.0                 | 0.0                 |
| 746 | 70.5 | 70.5               | 0.0  | 0.0                 | 0.0                 |
| 747 | 70.5 | 70.62508239947266  | 0.0  | 0.12508239947264338 | 0.17689322574839345 |
| 748 | 70.5 | 69.34372652141248  | 0.0  | 0.0                 | 1.1562734785875222  |
| 749 | 70.5 | 69.34812978819288  | 0.0  | 0.0                 | 1.1518702118071218  |
| 750 | 70.5 | 69.34372652141248  | 0.0  | 0.0                 | 1.1562734785875222  |
| 751 | 52.5 | 52.711502251876574 | 31.5 | 31.500000000000007  | 0.21150225187657412 |
| 752 | 52.5 | 52.5               | 31.5 | 31.5                | 0.0                 |
| 753 | 52.5 | 54.4136844968364   | 31.5 | 31.500000000000004  | 1.913684496836403   |
| 754 | 52.5 | 51.82776345327801  | 31.5 | 31.289467627303278  | 0.7044330022805703  |
| 755 | 52.5 | 51.820288576103806 | 31.5 | 31.29034438688098   | 0.7113108293055174  |
| 756 | 52.5 | 51.820288576103806 | 31.5 | 31.29034438688098   | 0.7113108293055174  |
| 757 | 52.5 | 50.51072049449489  | 31.5 | 31.381784817461856  | 1.9927889452737286  |
| 758 | 51.0 | 50.51072049449489  | 31.5 | 31.381784817461856  | 0.5033579878077343  |
|     |      |                    |      |                     |                     |

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|-----|------|--------------------|------|--------------------|----------------------|
| 759 | 51.0 | 50.41252447196226  | 31.5 | 31.500000000000004 | 0.5874755280377428   |
| 760 | 51.0 | 50.41252447196226  | 31.5 | 31.500000000000004 | 0.5874755280377428   |
| 761 | 51.0 | 50.65169547234927  | 31.5 | 31.499999999999996 | 0.3483045276507326   |
| 762 | 51.0 | 49.022768948655255 | 31.5 | 31.500000000000004 | 1.977231051344745    |
| 763 | 51.0 | 49.32198074043758  | 31.5 | 31.5               | 1.6780192595624186   |
| 764 | 51.0 | 49.300557492767204 | 31.5 | 31.5               | 1.6994425072327957   |
| 765 | 49.5 | 47.207955267385    | 31.5 | 31.114287769639343 | 2.324272570280419    |
| 766 | 49.5 | 49.142345604738864 | 31.5 | 31.499999999999996 | 0.35765439526113596  |
| 767 | 49.5 | 49.142345604738864 | 31.5 | 31.499999999999996 | 0.35765439526113596  |
| 768 | 49.5 | 49.1103008153043   | 31.5 | 31.500000000000004 | 0.38969918469570075  |
| 769 | 49.5 | 49.1103008153043   | 31.5 | 31.500000000000004 | 0.38969918469570075  |
| 770 | 49.5 | 49.07802501680998  | 31.5 | 31.500000000000004 | 0.4219749831900188   |
| 771 | 49.5 | 49.07802501680998  | 31.5 | 31.500000000000004 | 0.4219749831900188   |
| 772 | 49.5 | 49.07802501680998  | 31.5 | 31.500000000000004 | 0.4219749831900188   |
| 773 | 49.5 | 48.30700108475769  | 31.5 | 31.5               | 1.1929989152423133   |
| 774 | 49.5 | 48.30700108475769  | 31.5 | 31.5               | 1.1929989152423133   |
| 775 | 48.0 | 48.101553671822245 | 31.5 | 31.28547364075581  | 0.23734933551865525  |
| 776 | 48.0 | 48.02570693141875  | 31.5 | 31.5               | 0.025706931418753243 |
| 777 | 48.0 | 48.0               | 31.5 | 31.5               | 0.0                  |
| 778 | 48.0 | 48.04734358508927  | 31.5 | 31.5               | 0.04734358508927272  |
| 779 | 48.0 | 49.19128870782499  | 31.5 | 31.500000000000004 | 1.191288707824988    |
| 780 | 48.0 | 48.19677152656456  | 31.5 | 31.499999999999996 | 0.19677152656456087  |
| 781 | 48.0 | 48.19677152656456  | 31.5 | 31.499999999999996 | 0.19677152656456087  |
| 782 | 48.0 | 48.19677152656456  | 31.5 | 31.499999999999996 | 0.19677152656456087  |
| 783 | 48.0 | 48.19752997968893  | 31.5 | 31.500000000000004 | 0.19752997968893027  |
| 784 | 48.0 | 48.19752997968893  | 31.5 | 31.500000000000004 | 0.19752997968893027  |
| 785 | 46.5 | 48.35575993520237  | 31.5 | 31.5               | 1.8557599352023715   |
| 786 | 46.5 | 48.14209442342743  | 31.5 | 31.700430492876308 | 1.6542812572008738   |
| 787 | 46.5 | 48.14209442342743  | 31.5 | 31.700430492876308 | 1.6542812572008738   |
| 788 | 46.5 | 47.36423249497656  | 31.5 | 31.919699134006798 | 0.960752397061527    |
| 789 | 46.5 | 46.83320396227249  | 31.5 | 31.692675198809166 | 0.3849007829431371   |
| 790 | 46.5 | 46.83320396227249  | 31.5 | 31.692675198809166 | 0.3849007829431371   |
| 791 | 46.5 | 46.83320396227249  | 31.5 | 31.692675198809166 | 0.3849007829431371   |
| 792 | 46.5 | 46.498750531469874 | 31.5 | 31.52135096213192  | 0.021387490632760433 |
| 793 | 46.5 | 46.5               | 31.5 | 31.5               | 0.0                  |
| 794 | 72.0 | 72.000000000000001 | 33.0 | 33.06242674248774  | 0.062426742487737386 |
| 795 | 72.0 | 71.999999999999999 | 33.0 | 33.170847539311765 | 0.17084753931176522  |
| 796 | 72.0 | 71.999999999999999 | 33.0 | 33.170847539311765 | 0.17084753931176522  |
| 797 | 72.0 | 69.1895392141289   | 33.0 | 32.576254088318564 | 2.8422263151596385   |
| 798 | 72.0 | 72.09416929957739  | 33.0 | 33.15485618152724  | 0.1812409830587227   |
|     |      |                    |      |                    |                      |

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|-----|------|--------------------|------|--------------------|---------------------|
| 799 | 72.0 | 72.0               | 33.0 | 33.0               | 0.0                 |
| 800 | 72.0 | 72.09730583664232  | 33.0 | 33.16066777678152  | 0.1878365255763084  |
| 801 | 4.5  | 3.8779273238699545 | 36.0 | 36.0               | 0.6220726761300455  |
| 802 | 4.5  | 3.8779273238699545 | 36.0 | 36.0               | 0.6220726761300455  |
| 803 | 4.5  | 3.8779273238699545 | 36.0 | 36.0               | 0.6220726761300455  |
| 804 | 4.5  | 4.5                | 36.0 | 36.0               | 0.0                 |
| 805 | 4.5  | 4.5                | 36.0 | 36.0               | 0.0                 |
| 806 | 6.0  | 6.0                | 36.0 | 36.0               | 0.0                 |
| 807 | 6.0  | 5.561805449840158  | 36.0 | 36.0               | 0.4381945501598423  |
| 808 | 6.0  | 5.561805449840158  | 36.0 | 36.0               | 0.4381945501598423  |
| 809 | 6.0  | 5.506581429469712  | 36.0 | 35.99999999999999  | 0.49341857053028804 |
| 810 | 6.0  | 5.506581429469712  | 36.0 | 35.99999999999999  | 0.49341857053028804 |
| 811 | 6.0  | 5.506581429469712  | 36.0 | 35.99999999999999  | 0.49341857053028804 |
| 812 | 6.0  | 5.506581429469712  | 36.0 | 35.99999999999999  | 0.49341857053028804 |
| 813 | 6.0  | 5.506581429469712  | 36.0 | 35.99999999999999  | 0.49341857053028804 |
| 814 | 6.0  | 5.111571821015916  | 36.0 | 36.0               | 0.8884281789840838  |
| 815 | 6.0  | 5.111571821015916  | 36.0 | 36.0               | 0.8884281789840838  |
| 816 | 6.0  | 5.111571821015916  | 36.0 | 36.0               | 0.8884281789840838  |
| 817 | 6.0  | 5.111571821015916  | 36.0 | 36.0               | 0.8884281789840838  |
| 818 | 6.0  | 5.006650119616346  | 36.0 | 36.0               | 0.9933498803836542  |
| 819 | 7.5  | 7.152808988764046  | 36.0 | 36.0               | 0.347191011235954   |
| 820 | 7.5  | 7.5                | 36.0 | 36.0               | 0.0                 |
| 821 | 7.5  | 4.392924232936756  | 36.0 | 36.0               | 3.107075767063244   |
| 822 | 7.5  | 5.436882546652031  | 36.0 | 36.0               | 2.063117453347969   |
| 823 | 7.5  | 5.436882546652031  | 36.0 | 36.0               | 2.063117453347969   |
| 824 | 7.5  | 5.436882546652031  | 36.0 | 36.0               | 2.063117453347969   |
| 825 | 7.5  | 5.436882546652031  | 36.0 | 36.0               | 2.063117453347969   |
| 826 | 7.5  | 5.436882546652031  | 36.0 | 36.0               | 2.063117453347969   |
| 827 | 9.0  | 10.119265128955735 | 36.0 | 36.0               | 1.1192651289557354  |
| 828 | 9.0  | 10.083695063615668 | 36.0 | 36.0               | 1.083695063615668   |
| 829 | 9.0  | 10.119265128955735 | 36.0 | 36.0               | 1.1192651289557354  |
| 830 | 9.0  | 10.119265128955735 | 36.0 | 36.0               | 1.1192651289557354  |
| 831 | 9.0  | 10.119265128955735 | 36.0 | 36.0               | 1.1192651289557354  |
| 832 | 9.0  | 9.0                | 36.0 | 36.0               | 0.0                 |
| 833 | 9.0  | 9.0                | 36.0 | 36.0               | 0.0                 |
| 834 | 9.0  | 9.765714881821705  | 36.0 | 36.0               | 0.7657148818217046  |
| 835 | 9.0  | 9.765714881821705  | 36.0 | 36.0               | 0.7657148818217046  |
| 836 | 10.5 | 9.785989527884352  | 36.0 | 36.000000000000001 | 0.7140104721156479  |
| 837 | 10.5 | 9.785989527884352  | 36.0 | 36.000000000000001 | 0.7140104721156479  |
| 838 | 10.5 | 10.69527735405587  | 36.0 | 36.0               | 0.19527735405586988 |
|     |      |                    |      |                    |                     |

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|-----|------|--------------------|------|--------------------|----------------------|
| 839 | 10.5 | 10.67486860965122  | 36.0 | 36.0               | 0.1748686096512202   |
| 840 | 10.5 | 11.473739191925684 | 36.0 | 36.0               | 0.9737391919256844   |
| 841 | 10.5 | 11.557539562238524 | 36.0 | 36.0               | 1.0575395622385244   |
| 842 | 10.5 | 10.480188733418832 | 36.0 | 36.000000000000001 | 0.019811266581168496 |
| 843 | 12.0 | 12.04991680532446  | 36.0 | 36.0               | 0.04991680532445919  |
| 844 | 12.0 | 11.844624500285553 | 36.0 | 36.000000000000001 | 0.15537549971444697  |
| 845 | 12.0 | 11.844624500285553 | 36.0 | 36.000000000000001 | 0.15537549971444697  |
| 846 | 12.0 | 12.0               | 36.0 | 36.0               | 0.0                  |
| 847 | 12.0 | 10.95402462458188  | 36.0 | 36.0               | 1.04597537541812     |
| 848 | 12.0 | 10.95402462458188  | 36.0 | 36.0               | 1.04597537541812     |
| 849 | 12.0 | 10.95402462458188  | 36.0 | 36.0               | 1.04597537541812     |
| 850 | 12.0 | 10.95402462458188  | 36.0 | 36.0               | 1.04597537541812     |
| 851 | 61.5 | 61.5               | 31.5 | 31.5               | 0.0                  |
| 852 | 60.0 | 60.0               | 31.5 | 31.5               | 0.0                  |
| 853 | 60.0 | 61.13125013047938  | 31.5 | 31.500000000000004 | 1.1312501304793798   |
| 854 | 60.0 | 61.30229687181462  | 31.5 | 31.5               | 1.3022968718146188   |
| 855 | 60.0 | 61.30229687181462  | 31.5 | 31.5               | 1.3022968718146188   |
| 856 | 60.0 | 61.30229687181462  | 31.5 | 31.5               | 1.3022968718146188   |
| 857 | 60.0 | 61.30229687181462  | 31.5 | 31.5               | 1.3022968718146188   |
| 858 | 60.0 | 61.30229687181462  | 31.5 | 31.5               | 1.3022968718146188   |
| 859 | 60.0 | 62.29745717823432  | 31.5 | 31.499999999999996 | 2.2974571782343176   |
| 860 | 60.0 | 61.392742382599536 | 31.5 | 31.5               | 1.3927423825995362   |
| 861 | 60.0 | 61.392742382599536 | 31.5 | 31.5               | 1.3927423825995362   |
| 862 | 60.0 | 61.37687485026077  | 31.5 | 31.500000000000004 | 1.3768748502607693   |
| 863 | 60.0 | 61.36004147034531  | 31.5 | 31.5               | 1.3600414703453083   |
| 864 | 60.0 | 61.36004147034531  | 31.5 | 31.5               | 1.3600414703453083   |
| 865 | 58.5 | 61.81240577019979  | 31.5 | 31.500000000000007 | 3.3124057701997884   |
| 866 | 58.5 | 61.76903945711985  | 31.5 | 31.5               | 3.2690394571198524   |
| 867 | 58.5 | 58.5               | 31.5 | 31.5               | 0.0                  |
| 868 | 58.5 | 58.5               | 31.5 | 31.5               | 0.0                  |
| 869 | 58.5 | 58.5               | 31.5 | 31.5               | 0.0                  |
| 870 | 58.5 | 60.67871984822478  | 31.5 | 31.500000000000004 | 2.1787198482247803   |
| 871 | 58.5 | 57.9386605413191   | 31.5 | 31.5               | 0.561339458680898    |
| 872 | 58.5 | 57.8996622849657   | 31.5 | 31.5               | 0.6003377150342999   |
| 873 | 58.5 | 57.9386605413191   | 31.5 | 31.5               | 0.561339458680898    |
| 874 | 58.5 | 57.9386605413191   | 31.5 | 31.5               | 0.561339458680898    |
| 875 | 58.5 | 57.9386605413191   | 31.5 | 31.5               | 0.561339458680898    |
| 876 | 57.0 | 58.08162134755007  | 31.5 | 31.5               | 1.081621347550069    |
| 877 | 57.0 | 58.12432464424923  | 31.5 | 31.5               | 1.1243246442492278   |
| 878 | 57.0 | 58.12432464424923  | 31.5 | 31.5               | 1.1243246442492278   |
|     |      |                    |      |                    |                      |

|     |       |                    |      |                    |                     |
|-----|-------|--------------------|------|--------------------|---------------------|
| 879 | 57.0  | 58.12432464424923  | 31.5 | 31.5               | 1.1243246442492278  |
| 880 | 57.0  | 60.16132028396938  | 31.5 | 31.499999999999996 | 3.1613202839693813  |
| 881 | 57.0  | 55.91676691160802  | 31.5 | 31.499999999999996 | 1.083233088391978   |
| 882 | 57.0  | 55.91676691160802  | 31.5 | 31.499999999999996 | 1.083233088391978   |
| 883 | 57.0  | 55.89699874215819  | 31.5 | 31.499999999999993 | 1.103001257841811   |
| 884 | 57.0  | 55.89699874215819  | 31.5 | 31.499999999999993 | 1.103001257841811   |
| 885 | 57.0  | 57.0               | 31.5 | 31.5               | 0.0                 |
| 886 | 55.5  | 57.13889128851921  | 31.5 | 31.5               | 1.6388912885192113  |
| 887 | 55.5  | 55.88400352036992  | 31.5 | 31.5               | 0.384003520369923   |
| 888 | 55.5  | 55.88400352036992  | 31.5 | 31.5               | 0.384003520369923   |
| 889 | 55.5  | 55.85176822782925  | 31.5 | 31.5               | 0.3517682278292469  |
| 890 | 55.5  | 55.85176822782925  | 31.5 | 31.5               | 0.3517682278292469  |
| 891 | 55.5  | 55.5               | 31.5 | 31.5               | 0.0                 |
| 892 | 55.5  | 55.5               | 31.5 | 31.5               | 0.0                 |
| 893 | 54.0  | 54.22336229839355  | 31.5 | 31.38961746881714  | 0.2491485892675011  |
| 894 | 54.0  | 54.03583968485828  | 31.5 | 31.499999999999993 | 0.03583968485828137 |
| 895 | 54.0  | 54.03583968485828  | 31.5 | 31.499999999999993 | 0.03583968485828137 |
| 896 | 54.0  | 50.56082369697993  | 31.5 | 31.5               | 3.4391763030200693  |
| 897 | 54.0  | 50.56082369697993  | 31.5 | 31.5               | 3.4391763030200693  |
| 898 | 54.0  | 50.433785442912516 | 31.5 | 31.500000000000007 | 3.566214557087484   |
| 899 | 52.5  | 52.892390083949145 | 31.5 | 31.5               | 0.3923900839491452  |
| 900 | 52.5  | 52.711502251876574 | 31.5 | 31.500000000000007 | 0.21150225187657412 |
| 901 | 139.5 | 140.6859833393698  | 0.0  | 0.3618254255704455 | 1.2399492408369004  |
| 902 | 139.5 | 139.5              | 0.0  | 0.0                | 0.0                 |
| 903 | 139.5 | 139.64295456482822 | 0.0  | 0.0                | 0.14295456482821578 |
| 904 | 139.5 | 139.89242424242423 | 0.0  | 0.0                | 0.3924242424242266  |
| 905 | 139.5 | 139.89242424242423 | 0.0  | 0.0                | 0.3924242424242266  |
| 906 | 139.5 | 139.89242424242423 | 0.0  | 0.0                | 0.3924242424242266  |
| 907 | 139.5 | 139.91272537235432 | 0.0  | 0.0                | 0.4127253723543163  |
| 908 | 139.5 | 139.91272537235432 | 0.0  | 0.0                | 0.4127253723543163  |
| 909 | 139.5 | 140.51112118504216 | 0.0  | 0.0                | 1.0111211850421569  |
| 910 | 139.5 | 140.51112118504216 | 0.0  | 0.0                | 1.0111211850421569  |
| 911 | 141.0 | 141.0              | 0.0  | 0.0                | 0.0                 |
| 912 | 141.0 | 139.9823013476751  | 0.0  | 0.0                | 1.0176986523248956  |
| 913 | 141.0 | 140.48826283381024 | 0.0  | 0.0                | 0.5117371661897607  |
| 914 | 141.0 | 140.48826283381024 | 0.0  | 0.0                | 0.5117371661897607  |
| 915 | 141.0 | 140.35483870967744 | 0.0  | 0.0                | 0.6451612903225623  |
| 916 | 141.0 | 140.91506514742255 | 0.0  | 0.4001469568547093 | 0.4090617511604297  |
| 917 | 141.0 | 140.39208134903282 | 0.0  | 0.0                | 0.6079186509671786  |
| 918 | 141.0 | 140.39208134903282 | 0.0  | 0.0                | 0.6079186509671786  |
|     |       |                    |      |                    |                     |

|     |       |                    |      |                     |                     |
|-----|-------|--------------------|------|---------------------|---------------------|
| 919 | 142.5 | 142.3608678116748  | 0.0  | 0.34210606418031975 | 0.36931602317947937 |
| 920 | 142.5 | 142.3608678116748  | 0.0  | 0.34210606418031975 | 0.36931602317947937 |
| 921 | 142.5 | 141.36872359441014 | 0.0  | 0.19408108547286318 | 1.147803891604587   |
| 922 | 142.5 | 142.5              | 0.0  | 0.0                 | 0.0                 |
| 923 | 142.5 | 142.6892296264016  | 0.0  | 0.40581462350965214 | 0.4477648491813248  |
| 924 | 142.5 | 141.528338746019   | 0.0  | 0.255221431618284   | 1.0046211085007313  |
| 925 | 142.5 | 141.528338746019   | 0.0  | 0.255221431618284   | 1.0046211085007313  |
| 926 | 142.5 | 141.528338746019   | 0.0  | 0.255221431618284   | 1.0046211085007313  |
| 927 | 142.5 | 141.42389814844225 | 0.0  | 0.768282489344033   | 1.3222152541695644  |
| 928 | 142.5 | 141.70348404249717 | 0.0  | 0.23871190304565074 | 0.8315173138379816  |
| 929 | 142.5 | 141.70348404249717 | 0.0  | 0.23871190304565074 | 0.8315173138379816  |
| 930 | 142.5 | 141.70348404249717 | 0.0  | 0.23871190304565074 | 0.8315173138379816  |
| 931 | 144.0 | 143.80277709585403 | 0.0  | 0.8287972853564283  | 0.8519400296581661  |
| 932 | 144.0 | 143.80277709585403 | 0.0  | 0.8287972853564283  | 0.8519400296581661  |
| 933 | 144.0 | 143.80277709585403 | 0.0  | 0.8287972853564283  | 0.8519400296581661  |
| 934 | 144.0 | 143.64940125428407 | 0.0  | 0.3671278029055286  | 0.5076438753337053  |
| 935 | 144.0 | 143.64940125428407 | 0.0  | 0.3671278029055286  | 0.5076438753337053  |
| 936 | 144.0 | 143.64940125428407 | 0.0  | 0.3671278029055286  | 0.5076438753337053  |
| 937 | 144.0 | 143.64940125428407 | 0.0  | 0.3671278029055286  | 0.5076438753337053  |
| 938 | 144.0 | 144.0              | 0.0  | 0.0                 | 0.0                 |
| 939 | 144.0 | 144.0              | 0.0  | 0.0                 | 0.0                 |
| 940 | 144.0 | 144.0              | 1.5  | 1.5                 | 0.0                 |
| 941 | 144.0 | 144.0              | 1.5  | 1.5                 | 0.0                 |
| 942 | 144.0 | 144.0              | 1.5  | 1.5                 | 0.0                 |
| 943 | 144.0 | 144.0              | 1.5  | 1.5                 | 0.0                 |
| 944 | 144.0 | 144.0              | 1.5  | 1.5                 | 0.0                 |
| 945 | 144.0 | 143.59015521401295 | 1.5  | 0.7969204171970286  | 0.8138142591249979  |
| 946 | 144.0 | 143.37595926556958 | 1.5  | 1.023903368081473   | 0.7849170918973718  |
| 947 | 144.0 | 143.37595926556958 | 1.5  | 1.023903368081473   | 0.7849170918973718  |
| 948 | 144.0 | 143.37595926556958 | 1.5  | 1.023903368081473   | 0.7849170918973718  |
| 949 | 144.0 | 141.7964829348447  | 1.5  | 0.8489467616179724  | 2.297685308226158   |
| 950 | 144.0 | 144.0              | 1.5  | 4.12024250589424    | 2.6202425058942396  |
| 951 | 0.0   | 0.0                | 16.5 | 15.263388937664615  | 1.2366110623353848  |
| 952 | 0.0   | 0.0                | 16.5 | 15.729232864275987  | 0.7707671357240127  |
| 953 | 0.0   | 0.0                | 16.5 | 16.5                | 0.0                 |
| 954 | 0.0   | 0.0                | 16.5 | 16.5                | 0.0                 |
| 955 | 0.0   | 0.0                | 16.5 | 16.5                | 0.0                 |
| 956 | 0.0   | 0.0                | 16.5 | 15.827145465611688  | 0.6728545343883123  |
| 957 | 0.0   | 0.0                | 16.5 | 15.672352176738142  | 0.8276478232618576  |
| 958 | 0.0   | 0.0                | 18.0 | 15.672352176738142  | 2.3276478232618576  |
|     |       |                    |      |                     |                     |



|     |     |     |      |                    |                     |
|-----|-----|-----|------|--------------------|---------------------|
| 959 | 0.0 | 0.0 | 18.0 | 15.672352176738142 | 2.3276478232618576  |
| 960 | 0.0 | 0.0 | 18.0 | 15.04264953664701  | 2.9573504633529897  |
| 961 | 0.0 | 0.0 | 18.0 | 15.04264953664701  | 2.9573504633529897  |
| 962 | 0.0 | 0.0 | 18.0 | 15.04264953664701  | 2.9573504633529897  |
| 963 | 0.0 | 0.0 | 18.0 | 21.923203210507115 | 3.923203210507115   |
| 964 | 0.0 | 0.0 | 18.0 | 21.923203210507115 | 3.923203210507115   |
| 965 | 0.0 | 0.0 | 18.0 | 19.3293612900021   | 1.329361290002101   |
| 966 | 0.0 | 0.0 | 18.0 | 18.0               | 0.0                 |
| 967 | 0.0 | 0.0 | 18.0 | 18.0               | 0.0                 |
| 968 | 0.0 | 0.0 | 19.5 | 18.38316661324877  | 1.1168333867512317  |
| 969 | 0.0 | 0.0 | 19.5 | 19.799742589798747 | 0.2997425897987469  |
| 970 | 0.0 | 0.0 | 19.5 | 19.1560238251896   | 0.34397617481040044 |
| 971 | 0.0 | 0.0 | 19.5 | 19.5               | 0.0                 |
| 972 | 0.0 | 0.0 | 19.5 | 19.5               | 0.0                 |
| 973 | 0.0 | 0.0 | 19.5 | 19.5               | 0.0                 |
| 974 | 0.0 | 0.0 | 19.5 | 19.5               | 0.0                 |
| 975 | 0.0 | 0.0 | 19.5 | 19.5               | 0.0                 |
| 976 | 0.0 | 0.0 | 19.5 | 19.5               | 0.0                 |
| 977 | 0.0 | 0.0 | 19.5 | 19.5               | 0.0                 |
| 978 | 0.0 | 0.0 | 19.5 | 19.5               | 0.0                 |
| 979 | 0.0 | 0.0 | 19.5 | 19.5               | 0.0                 |
| 980 | 0.0 | 0.0 | 21.0 | 21.20630568587784  | 0.20630568587784026 |
| 981 | 0.0 | 0.0 | 21.0 | 21.20630568587784  | 0.20630568587784026 |
| 982 | 0.0 | 0.0 | 21.0 | 21.0               | 0.0                 |
| 983 | 0.0 | 0.0 | 21.0 | 21.0               | 0.0                 |
| 984 | 0.0 | 0.0 | 21.0 | 21.0               | 0.0                 |
| 985 | 0.0 | 0.0 | 21.0 | 21.0               | 0.0                 |
| 986 | 0.0 | 0.0 | 21.0 | 21.0               | 0.0                 |
| 987 | 0.0 | 0.0 | 21.0 | 21.0               | 0.0                 |
| 988 | 0.0 | 0.0 | 21.0 | 21.490318590570112 | 0.4903185905701122  |
| 989 | 0.0 | 0.0 | 21.0 | 21.490318590570112 | 0.4903185905701122  |
| 990 | 0.0 | 0.0 | 21.0 | 21.490318590570112 | 0.4903185905701122  |
| 991 | 0.0 | 0.0 | 22.5 | 19.90112373080043  | 2.5988762691995717  |
| 992 | 0.0 | 0.0 | 22.5 | 19.90112373080043  | 2.5988762691995717  |
| 993 | 0.0 | 0.0 | 22.5 | 19.90112373080043  | 2.5988762691995717  |
| 994 | 0.0 | 0.0 | 22.5 | 15.766488182397062 | 6.733511817602938   |
| 995 | 0.0 | 0.0 | 22.5 | 20.492404663183528 | 2.007595336816472   |
| 996 | 0.0 | 0.0 | 22.5 | 19.90339557742232  | 2.5966044225776805  |
| 997 | 0.0 | 0.0 | 22.5 | 22.5               | 0.0                 |
| 998 | 0.0 | 0.0 | 22.5 | 22.5               | 0.0                 |
|     |     |     |      |                    |                     |

|      |       |                    |      |                    |                     |
|------|-------|--------------------|------|--------------------|---------------------|
| 999  | 0.0   | 0.0                | 22.5 | 23.498548320199085 | 0.9985483201990846  |
| 1000 | 0.0   | 0.0                | 22.5 | 23.498548320199085 | 0.9985483201990846  |
| 1001 | 118.5 | 118.5              | 21.0 | 21.58495542128363  | 0.584955421283631   |
| 1002 | 118.5 | 118.5              | 19.5 | 20.96267422063619  | 1.4626742206361882  |
| 1003 | 118.5 | 118.5              | 19.5 | 20.96267422063619  | 1.4626742206361882  |
| 1004 | 118.5 | 118.5              | 19.5 | 20.96267422063619  | 1.4626742206361882  |
| 1005 | 118.5 | 118.49999999999999 | 19.5 | 21.49203933505034  | 1.9920393350503396  |
| 1006 | 118.5 | 118.49999999999999 | 19.5 | 21.49203933505034  | 1.9920393350503396  |
| 1007 | 118.5 | 118.50000000000001 | 19.5 | 22.709443136063634 | 3.2094431360636335  |
| 1008 | 118.5 | 118.5              | 18.0 | 20.611952345202745 | 2.611952345202745   |
| 1009 | 118.5 | 118.5              | 18.0 | 20.611952345202745 | 2.611952345202745   |
| 1010 | 118.5 | 118.49999999999999 | 18.0 | 21.75996743317722  | 3.75996743317722    |
| 1011 | 118.5 | 118.49999999999999 | 18.0 | 21.75996743317722  | 3.75996743317722    |
| 1012 | 118.5 | 118.49999999999999 | 18.0 | 21.75996743317722  | 3.75996743317722    |
| 1013 | 118.5 | 118.5              | 18.0 | 19.89821413688774  | 1.8982141368877414  |
| 1014 | 118.5 | 118.5              | 18.0 | 18.0               | 0.0                 |
| 1015 | 118.5 | 118.5              | 16.5 | 16.5               | 0.0                 |
| 1016 | 118.5 | 118.49999999999999 | 16.5 | 18.6043314849424   | 2.1043314849423993  |
| 1017 | 118.5 | 118.5              | 16.5 | 14.572561333755026 | 1.9274386662449743  |
| 1018 | 118.5 | 118.50000000000001 | 16.5 | 14.492010853180584 | 2.0079891468194155  |
| 1019 | 118.5 | 118.49999999999997 | 16.5 | 16.071668767726457 | 0.42833123227354264 |
| 1020 | 118.5 | 118.49999999999997 | 16.5 | 16.071668767726457 | 0.42833123227354264 |
| 1021 | 118.5 | 118.5              | 16.5 | 14.61573539511469  | 1.8842646048853098  |
| 1022 | 118.5 | 118.5              | 16.5 | 13.312169567044906 | 3.187830432955094   |
| 1023 | 118.5 | 118.5              | 15.0 | 11.816739997953544 | 3.183260002046456   |
| 1024 | 118.5 | 118.5              | 15.0 | 15.0               | 0.0                 |
| 1025 | 118.5 | 118.5              | 15.0 | 14.72537611551923  | 0.2746238844807696  |
| 1026 | 118.5 | 118.49999999999999 | 15.0 | 15.626003706993856 | 0.6260037069938562  |
| 1027 | 118.5 | 118.49999999999999 | 15.0 | 15.626003706993856 | 0.6260037069938562  |
| 1028 | 118.5 | 118.5              | 15.0 | 13.990017683359692 | 1.0099823166403077  |
| 1029 | 118.5 | 118.5              | 15.0 | 13.990017683359692 | 1.0099823166403077  |
| 1030 | 118.5 | 118.49999999999999 | 15.0 | 14.140562946552329 | 0.859437053447671   |
| 1031 | 118.5 | 118.5              | 15.0 | 14.10454754977643  | 0.8954524502235692  |
| 1032 | 118.5 | 118.50000000000001 | 15.0 | 12.67421684624644  | 2.3257831537535605  |
| 1033 | 118.5 | 118.5              | 15.0 | 12.76183715655652  | 2.2381628434434795  |
| 1034 | 118.5 | 118.50000000000001 | 13.5 | 11.984084958165791 | 1.5159150418342087  |
| 1035 | 118.5 | 118.5              | 13.5 | 11.935146963525996 | 1.5648530364740036  |
| 1036 | 118.5 | 118.49999999999997 | 13.5 | 11.90037049362426  | 1.5996295063757398  |
| 1037 | 118.5 | 118.50000000000001 | 13.5 | 12.063544177010737 | 1.436455822989263   |
| 1038 | 118.5 | 118.49999999999999 | 13.5 | 12.366170612287874 | 1.133829387712126   |
|      |       |                    |      |                    |                     |

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|------|-------|--------------------|------|--------------------|---------------------|
| 1039 | 118.5 | 118.49999999999999 | 13.5 | 12.366170612287874 | 1.133829387712126   |
| 1040 | 118.5 | 118.49999999999999 | 13.5 | 12.366170612287874 | 1.133829387712126   |
| 1041 | 118.5 | 118.5              | 13.5 | 13.5               | 0.0                 |
| 1042 | 118.5 | 118.5              | 13.5 | 13.5               | 0.0                 |
| 1043 | 118.5 | 118.5              | 12.0 | 12.089409147172548 | 0.08940914717254778 |
| 1044 | 118.5 | 118.49999999999999 | 12.0 | 12.047331558095372 | 0.04733155809537237 |
| 1045 | 118.5 | 118.49999999999999 | 12.0 | 12.047331558095372 | 0.04733155809537237 |
| 1046 | 118.5 | 118.49999999999999 | 12.0 | 12.047331558095372 | 0.04733155809537237 |
| 1047 | 118.5 | 118.49999999999999 | 12.0 | 12.223725357908728 | 0.22372535790872838 |
| 1048 | 118.5 | 118.50000000000001 | 12.0 | 11.51192729744249  | 0.4880727025575098  |
| 1049 | 118.5 | 118.50000000000001 | 12.0 | 11.51192729744249  | 0.4880727025575098  |
| 1050 | 118.5 | 118.50000000000001 | 12.0 | 11.51192729744249  | 0.4880727025575098  |
| 1051 | 72.0  | 72.18171620863713  | 33.0 | 33.29528883903534  | 0.3467221927426751  |
| 1052 | 72.0  | 72.18171620863713  | 33.0 | 33.29528883903534  | 0.3467221927426751  |
| 1053 | 72.0  | 72.25660964230171  | 33.0 | 33.41057542768274  | 0.48417010475562683 |
| 1054 | 72.0  | 72.0               | 34.5 | 33.639239045876415 | 0.8607609541235846  |
| 1055 | 72.0  | 74.87162411792958  | 34.5 | 34.921786677503974 | 2.9024350252838924  |
| 1056 | 72.0  | 73.7799587403677   | 34.5 | 34.380680783933016 | 1.783953528748499   |
| 1057 | 72.0  | 73.7353893337877   | 34.5 | 34.361986709831314 | 1.740868693522657   |
| 1058 | 72.0  | 72.47953846896574  | 36.0 | 34.71582369128272  | 1.370790259335374   |
| 1059 | 72.0  | 72.92732121915235  | 36.0 | 34.99900379566462  | 1.3645211777704414  |
| 1060 | 72.0  | 72.92732121915235  | 36.0 | 34.99900379566462  | 1.3645211777704414  |
| 1061 | 72.0  | 72.92732121915235  | 36.0 | 34.99900379566462  | 1.3645211777704414  |
| 1062 | 72.0  | 72.9499177026032   | 36.0 | 35.01970806081345  | 1.3650333064629123  |
| 1063 | 72.0  | 72.9499177026032   | 36.0 | 35.01970806081345  | 1.3650333064629123  |
| 1064 | 72.0  | 76.03918150119289  | 36.0 | 36.0               | 4.0391815011928855  |
| 1065 | 72.0  | 75.9328547497779   | 36.0 | 36.0               | 3.9328547497779027  |
| 1066 | 72.0  | 75.9328547497779   | 36.0 | 36.0               | 3.9328547497779027  |
| 1067 | 72.0  | 76.00212692811517  | 36.0 | 36.0               | 4.002126928115175   |
| 1068 | 72.0  | 76.00212692811517  | 36.0 | 36.0               | 4.002126928115175   |
| 1069 | 72.0  | 72.0               | 36.0 | 36.0               | 0.0                 |
| 1070 | 73.5  | 73.58538729716412  | 36.0 | 35.6837859050725   | 0.3275398362761591  |
| 1071 | 73.5  | 76.68939092737283  | 36.0 | 36.0               | 3.189390927372827   |
| 1072 | 73.5  | 76.72537959045268  | 36.0 | 36.00000000000001  | 3.2253795904526754  |
| 1073 | 73.5  | 76.72537959045268  | 36.0 | 36.00000000000001  | 3.2253795904526754  |
| 1074 | 73.5  | 77.38694225233932  | 36.0 | 36.0               | 3.886942252339324   |
| 1075 | 73.5  | 74.33500605641115  | 36.0 | 36.000000000000014 | 0.8350060564111459  |
| 1076 | 73.5  | 73.5               | 36.0 | 36.0               | 0.0                 |
| 1077 | 75.0  | 75.0               | 36.0 | 36.0               | 0.0                 |
| 1078 | 75.0  | 75.0               | 36.0 | 36.0               | 0.0                 |
|      |       |                    |      |                    |                     |

|      |       |                    |      |                     |                    |
|------|-------|--------------------|------|---------------------|--------------------|
| 1079 | 75.0  | 75.0               | 36.0 | 36.0                | 0.0                |
| 1080 | 75.0  | 75.0               | 36.0 | 36.0                | 0.0                |
| 1081 | 75.0  | 75.69644552262419  | 36.0 | 35.99999999999999   | 0.6964455226241881 |
| 1082 | 75.0  | 75.69644552262419  | 36.0 | 35.99999999999999   | 0.6964455226241881 |
| 1083 | 75.0  | 75.83455920172823  | 36.0 | 36.00000000000001   | 0.8345592017282257 |
| 1084 | 75.0  | 75.69644552262419  | 36.0 | 35.99999999999999   | 0.6964455226241881 |
| 1085 | 75.0  | 75.69644552262419  | 36.0 | 35.99999999999999   | 0.6964455226241881 |
| 1086 | 75.0  | 75.69644552262419  | 36.0 | 35.99999999999999   | 0.6964455226241881 |
| 1087 | 75.0  | 78.6418568788986   | 36.0 | 36.0                | 3.6418568788985937 |
| 1088 | 76.5  | 78.6418568788986   | 36.0 | 36.0                | 2.1418568788985937 |
| 1089 | 76.5  | 76.5               | 36.0 | 36.0                | 0.0                |
| 1090 | 76.5  | 76.5               | 36.0 | 36.0                | 0.0                |
| 1091 | 76.5  | 76.5               | 36.0 | 36.0                | 0.0                |
| 1092 | 76.5  | 77.16191587303086  | 36.0 | 36.0                | 0.6619158730308641 |
| 1093 | 76.5  | 76.5               | 36.0 | 36.0                | 0.0                |
| 1094 | 76.5  | 76.5               | 36.0 | 36.0                | 0.0                |
| 1095 | 76.5  | 78.17481684654003  | 36.0 | 36.0                | 1.6748168465400255 |
| 1096 | 76.5  | 78.0               | 36.0 | 36.0                | 1.5                |
| 1097 | 78.0  | 78.0               | 36.0 | 36.0                | 0.0                |
| 1098 | 78.0  | 78.36012526096033  | 36.0 | 36.00000000000001   | 0.3601252609603307 |
| 1099 | 78.0  | 78.36012526096033  | 36.0 | 36.00000000000001   | 0.3601252609603307 |
| 1100 | 78.0  | 78.36012526096033  | 36.0 | 36.00000000000001   | 0.3601252609603307 |
| 1101 | 118.5 | 118.49999999999997 | 3.0  | 4.224458003375307   | 1.2244580033753074 |
| 1102 | 118.5 | 118.5              | 1.5  | 1.5                 | 0.0                |
| 1103 | 118.5 | 120.5999930562223  | 1.5  | 0.5774524782855208  | 2.2937011065096113 |
| 1104 | 118.5 | 120.73414569217954 | 1.5  | 0.5174279310611329  | 2.4406668852064173 |
| 1105 | 118.5 | 120.03085085708409 | 1.5  | 1.669001930384428   | 1.540151290980453  |
| 1106 | 118.5 | 120.90176285754424 | 1.5  | 0.49518152754412825 | 2.6034832410575706 |
| 1107 | 118.5 | 120.90176285754424 | 1.5  | 0.49518152754412825 | 2.6034832410575706 |
| 1108 | 118.5 | 119.96359208078104 | 0.0  | 1.4681705098990234  | 2.073071736593342  |
| 1109 | 118.5 | 122.10751509641145 | 0.0  | 0.0                 | 3.607515096411447  |
| 1110 | 118.5 | 120.46537530942902 | 0.0  | 1.8367170355389293  | 2.6900240845672982 |
| 1111 | 118.5 | 120.46537530942902 | 0.0  | 1.8367170355389293  | 2.6900240845672982 |
| 1112 | 118.5 | 118.5              | 0.0  | 2.1306193844786483  | 2.1306193844786483 |
| 1113 | 118.5 | 118.5              | 0.0  | 2.1306193844786483  | 2.1306193844786483 |
| 1114 | 118.5 | 119.43151954267185 | 0.0  | 1.9211120028719397  | 2.1350409799247902 |
| 1115 | 118.5 | 118.5              | 0.0  | 0.0                 | 0.0                |
| 1116 | 118.5 | 118.5              | 0.0  | 0.0                 | 0.0                |
| 1117 | 118.5 | 120.73035394019251 | 0.0  | 0.0                 | 2.230353940192515  |
| 1118 | 118.5 | 118.5              | 0.0  | 0.0                 | 0.0                |
|      |       |                    |      |                     |                    |

|      |       |                    |      |                     |                     |
|------|-------|--------------------|------|---------------------|---------------------|
| 1119 | 118.5 | 118.5              | 0.0  | 0.0                 | 0.0                 |
| 1120 | 118.5 | 120.30793680471162 | 0.0  | 0.0                 | 1.8079368047116162  |
| 1121 | 118.5 | 121.01979369384813 | 0.0  | 0.17702398838393515 | 2.526004305621856   |
| 1122 | 118.5 | 119.39662680656235 | 0.0  | 1.3527878743077695  | 1.6229524525137315  |
| 1123 | 120.0 | 121.04659272834077 | 0.0  | 0.0                 | 1.0465927283407694  |
| 1124 | 120.0 | 122.48824245042024 | 0.0  | 0.0                 | 2.4882424504202447  |
| 1125 | 120.0 | 121.30570726324267 | 0.0  | 0.47531543504742946 | 1.3895309352723968  |
| 1126 | 120.0 | 121.30570726324267 | 0.0  | 0.47531543504742946 | 1.3895309352723968  |
| 1127 | 120.0 | 120.0              | 0.0  | 0.0                 | 0.0                 |
| 1128 | 120.0 | 121.06316760326193 | 0.0  | 0.0                 | 1.063167603261931   |
| 1129 | 120.0 | 120.0              | 0.0  | 0.0                 | 0.0                 |
| 1130 | 121.5 | 121.47690651112497 | 0.0  | 0.0                 | 0.02309348887503404 |
| 1131 | 121.5 | 121.47690651112497 | 0.0  | 0.0                 | 0.02309348887503404 |
| 1132 | 121.5 | 121.5              | 0.0  | 0.0                 | 0.0                 |
| 1133 | 121.5 | 121.5              | 0.0  | 0.0                 | 0.0                 |
| 1134 | 121.5 | 121.42762251585478 | 0.0  | 0.0                 | 0.07237748414522116 |
| 1135 | 121.5 | 121.42762251585478 | 0.0  | 0.0                 | 0.07237748414522116 |
| 1136 | 121.5 | 121.42762251585478 | 0.0  | 0.0                 | 0.07237748414522116 |
| 1137 | 121.5 | 121.5              | 0.0  | 0.0                 | 0.0                 |
| 1138 | 121.5 | 121.5              | 0.0  | 0.0                 | 0.0                 |
| 1139 | 121.5 | 122.61134273619051 | 0.0  | 0.0                 | 1.1113427361905082  |
| 1140 | 121.5 | 122.10739020667222 | 0.0  | 0.0                 | 0.6073902066722212  |
| 1141 | 123.0 | 120.47915145572796 | 0.0  | 1.9446494321505567  | 3.183761736864421   |
| 1142 | 123.0 | 121.5814345701606  | 0.0  | 0.0                 | 1.4185654298394041  |
| 1143 | 123.0 | 121.5814345701606  | 0.0  | 0.0                 | 1.4185654298394041  |
| 1144 | 123.0 | 121.5814345701606  | 0.0  | 0.0                 | 1.4185654298394041  |
| 1145 | 123.0 | 121.6090210432854  | 0.0  | 0.0                 | 1.390978956714605   |
| 1146 | 123.0 | 121.65107703336076 | 0.0  | 0.0                 | 1.3489229666392362  |
| 1147 | 123.0 | 121.65107703336076 | 0.0  | 0.0                 | 1.3489229666392362  |
| 1148 | 123.0 | 121.65107703336076 | 0.0  | 0.0                 | 1.3489229666392362  |
| 1149 | 123.0 | 123.0              | 0.0  | 0.0                 | 0.0                 |
| 1150 | 123.0 | 123.0              | 0.0  | 0.0                 | 0.0                 |
| 1151 | 144.0 | 144.00000000000003 | 12.0 | 12.35480250853863   | 0.35480250853862927 |
| 1152 | 144.0 | 144.0              | 12.0 | 12.0                | 0.0                 |
| 1153 | 144.0 | 143.99999999999997 | 12.0 | 12.836445259878117  | 0.8364452598781167  |
| 1154 | 144.0 | 143.99999999999997 | 12.0 | 12.458802029430611  | 0.4588020294306112  |
| 1155 | 144.0 | 143.99999999999997 | 12.0 | 12.458802029430611  | 0.4588020294306112  |
| 1156 | 144.0 | 144.00000000000003 | 12.0 | 12.208370516751327  | 0.20837051675132656 |
| 1157 | 144.0 | 144.00000000000003 | 12.0 | 11.677009567322076  | 0.3229904326779245  |
| 1158 | 144.0 | 144.00000000000003 | 12.0 | 11.677009567322076  | 0.3229904326779245  |
|      |       |                    |      |                     |                     |

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|------|-------|---------------------|------|--------------------|----------------------|
| 1159 | 144.0 | 144.0               | 13.5 | 13.5               | 0.0                  |
| 1160 | 144.0 | 144.000000000000003 | 13.5 | 15.329306391929103 | 1.8293063919291033   |
| 1161 | 144.0 | 144.000000000000003 | 13.5 | 15.329306391929103 | 1.8293063919291033   |
| 1162 | 144.0 | 144.000000000000003 | 13.5 | 15.329306391929103 | 1.8293063919291033   |
| 1163 | 144.0 | 144.0               | 13.5 | 15.472700968681558 | 1.9727009686815578   |
| 1164 | 144.0 | 144.0               | 13.5 | 15.258502769586201 | 1.758502769586201    |
| 1165 | 144.0 | 144.0               | 13.5 | 15.258502769586201 | 1.758502769586201    |
| 1166 | 144.0 | 144.0               | 13.5 | 15.258502769586201 | 1.758502769586201    |
| 1167 | 144.0 | 144.0               | 13.5 | 14.42146029644854  | 0.9214602964485401   |
| 1168 | 144.0 | 144.0               | 13.5 | 13.5               | 0.0                  |
| 1169 | 144.0 | 144.0               | 13.5 | 13.5               | 0.0                  |
| 1170 | 144.0 | 143.99999999999997  | 13.5 | 13.463788247276069 | 0.03621175272393096  |
| 1171 | 144.0 | 144.0               | 15.0 | 15.0               | 0.0                  |
| 1172 | 144.0 | 144.0               | 15.0 | 15.0               | 0.0                  |
| 1173 | 144.0 | 143.99999999999997  | 15.0 | 16.26798109030878  | 1.2679810903087798   |
| 1174 | 144.0 | 143.99999999999997  | 15.0 | 16.26798109030878  | 1.2679810903087798   |
| 1175 | 144.0 | 144.000000000000003 | 15.0 | 13.71738155779772  | 1.2826184422022795   |
| 1176 | 144.0 | 144.0               | 15.0 | 14.052683625686686 | 0.9473163743133135   |
| 1177 | 144.0 | 144.0               | 15.0 | 12.300454305839597 | 2.6995456941604026   |
| 1178 | 144.0 | 144.0               | 15.0 | 12.300454305839597 | 2.6995456941604026   |
| 1179 | 144.0 | 143.99999999999997  | 15.0 | 14.07832304225238  | 0.9216769577476196   |
| 1180 | 144.0 | 144.0               | 16.5 | 16.82227218164432  | 0.32227218164431903  |
| 1181 | 144.0 | 143.99999999999997  | 16.5 | 17.342504969974563 | 0.8425049699745628   |
| 1182 | 144.0 | 144.0               | 16.5 | 16.5               | 0.0                  |
| 1183 | 144.0 | 144.0               | 16.5 | 16.5               | 0.0                  |
| 1184 | 144.0 | 143.99999999999997  | 18.0 | 17.94571893444878  | 0.05428106555121914  |
| 1185 | 144.0 | 144.0               | 18.0 | 18.0               | 0.0                  |
| 1186 | 144.0 | 144.0               | 18.0 | 18.0               | 0.0                  |
| 1187 | 144.0 | 144.0               | 18.0 | 18.0               | 0.0                  |
| 1188 | 144.0 | 144.0               | 18.0 | 17.978061234890024 | 0.021938765109975833 |
| 1189 | 144.0 | 144.0               | 18.0 | 18.20751246572546  | 0.20751246572546123  |
| 1190 | 144.0 | 144.0               | 18.0 | 18.20751246572546  | 0.20751246572546123  |
| 1191 | 144.0 | 144.0               | 18.0 | 18.20751246572546  | 0.20751246572546123  |
| 1192 | 144.0 | 144.0               | 18.0 | 18.0               | 0.0                  |
| 1193 | 144.0 | 144.0               | 19.5 | 17.96653440874203  | 1.5334655912579684   |
| 1194 | 144.0 | 144.0               | 19.5 | 17.96653440874203  | 1.5334655912579684   |
| 1195 | 144.0 | 144.0               | 19.5 | 17.96653440874203  | 1.5334655912579684   |
| 1196 | 144.0 | 144.0               | 19.5 | 19.5               | 0.0                  |
| 1197 | 144.0 | 144.0               | 19.5 | 20.129294859118634 | 0.6292948591186338   |
| 1198 | 144.0 | 144.0               | 19.5 | 20.129294859118634 | 0.6292948591186338   |
|      |       |                     |      |                    |                      |

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|------|-------|--------------------|------|--------------------|---------------------|
| 1199 | 144.0 | 144.0              | 19.5 | 19.72622502321229  | 0.2262250232122902  |
| 1200 | 144.0 | 144.0              | 21.0 | 21.994666627754697 | 0.9946666277546967  |
| 1201 | 45.0  | 44.99999999999999  | 7.5  | 9.298649395416058  | 1.7986493954160583  |
| 1202 | 45.0  | 44.99999999999999  | 7.5  | 9.298649395416058  | 1.7986493954160583  |
| 1203 | 45.0  | 44.99999999999999  | 7.5  | 9.298649395416058  | 1.7986493954160583  |
| 1204 | 45.0  | 45.0               | 7.5  | 6.367937786333609  | 1.1320622136663907  |
| 1205 | 45.0  | 44.99999999999999  | 7.5  | 7.5240956977904    | 0.02409569779039966 |
| 1206 | 45.0  | 45.0               | 7.5  | 7.5                | 0.0                 |
| 1207 | 45.0  | 45.0               | 7.5  | 7.5                | 0.0                 |
| 1208 | 45.0  | 44.99999999999999  | 7.5  | 4.105939641670406  | 3.394060358329594   |
| 1209 | 45.0  | 45.000000000000001 | 7.5  | 4.836384818932029  | 2.6636151810679713  |
| 1210 | 45.0  | 45.000000000000001 | 7.5  | 4.836384818932029  | 2.6636151810679713  |
| 1211 | 45.0  | 45.000000000000001 | 7.5  | 4.836384818932029  | 2.6636151810679713  |
| 1212 | 45.0  | 45.0               | 7.5  | 4.86931286165949   | 2.6306871383405097  |
| 1213 | 45.0  | 45.0               | 7.5  | 4.86931286165949   | 2.6306871383405097  |
| 1214 | 45.0  | 45.0               | 7.5  | 5.172085767986601  | 2.3279142320133994  |
| 1215 | 45.0  | 45.0               | 7.5  | 5.172085767986601  | 2.3279142320133994  |
| 1216 | 45.0  | 45.0               | 7.5  | 5.172085767986601  | 2.3279142320133994  |
| 1217 | 45.0  | 45.0               | 7.5  | 5.182650038297846  | 2.3173499617021536  |
| 1218 | 45.0  | 45.0               | 6.0  | 6.0                | 0.0                 |
| 1219 | 45.0  | 45.0               | 6.0  | 6.0                | 0.0                 |
| 1220 | 45.0  | 45.000000000000001 | 6.0  | 4.7666235108451325 | 1.2333764891548675  |
| 1221 | 45.0  | 45.0               | 6.0  | 6.0                | 0.0                 |
| 1222 | 45.0  | 45.0               | 6.0  | 6.0                | 0.0                 |
| 1223 | 45.0  | 45.000000000000001 | 6.0  | 5.952753697282358  | 0.04724630271764241 |
| 1224 | 45.0  | 45.000000000000001 | 6.0  | 5.952753697282358  | 0.04724630271764241 |
| 1225 | 45.0  | 44.999999999999986 | 6.0  | 5.696014441279895  | 0.3039855587201048  |
| 1226 | 45.0  | 45.000000000000001 | 6.0  | 4.666139737990637  | 1.3338602620093631  |
| 1227 | 45.0  | 45.000000000000001 | 6.0  | 4.666139737990637  | 1.3338602620093631  |
| 1228 | 45.0  | 45.0               | 6.0  | 4.649381105832645  | 1.3506188941673551  |
| 1229 | 45.0  | 45.0               | 6.0  | 4.649381105832645  | 1.3506188941673551  |
| 1230 | 45.0  | 45.0               | 4.5  | 3.168930821773112  | 1.3310691782268882  |
| 1231 | 45.0  | 45.0               | 4.5  | 3.168930821773112  | 1.3310691782268882  |
| 1232 | 45.0  | 45.0               | 4.5  | 3.168930821773112  | 1.3310691782268882  |
| 1233 | 45.0  | 45.0               | 4.5  | 4.381056750082685  | 0.11894324991731509 |
| 1234 | 45.0  | 45.0               | 4.5  | 4.5                | 0.0                 |
| 1235 | 45.0  | 45.0               | 4.5  | 4.5                | 0.0                 |
| 1236 | 45.0  | 45.0               | 4.5  | 4.5                | 0.0                 |
| 1237 | 45.0  | 45.000000000000001 | 4.5  | 4.376574694997215  | 0.12342530500278492 |
| 1238 | 45.0  | 45.0               | 4.5  | 4.5                | 0.0                 |
|      |       |                    |      |                    |                     |

|      |      |                    |      |                    |                      |
|------|------|--------------------|------|--------------------|----------------------|
| 1239 | 45.0 | 45.0               | 3.0  | 3.0                | 0.0                  |
| 1240 | 45.0 | 45.0               | 3.0  | 3.0                | 0.0                  |
| 1241 | 45.0 | 45.0               | 3.0  | 3.0                | 0.0                  |
| 1242 | 45.0 | 45.0               | 3.0  | 3.265278465057496  | 0.26527846505749597  |
| 1243 | 45.0 | 45.000000000000014 | 3.0  | 3.0286371402155354 | 0.028637140215535428 |
| 1244 | 45.0 | 45.000000000000014 | 3.0  | 3.048862882306811  | 0.048862882306810906 |
| 1245 | 45.0 | 45.000000000000001 | 3.0  | 3.1430886499210233 | 0.14308864992102333  |
| 1246 | 45.0 | 45.0               | 3.0  | 3.0                | 0.0                  |
| 1247 | 45.0 | 45.0               | 1.5  | 1.5                | 0.0                  |
| 1248 | 45.0 | 45.0               | 1.5  | 1.5                | 0.0                  |
| 1249 | 45.0 | 45.0               | 1.5  | 1.5                | 0.0                  |
| 1250 | 45.0 | 45.0               | 1.5  | 1.5                | 0.0                  |
| 1251 | 12.0 | 10.95402462458188  | 36.0 | 36.0               | 1.04597537541812     |
| 1252 | 12.0 | 10.657589164473082 | 36.0 | 36.0               | 1.342410835526918    |
| 1253 | 12.0 | 11.70245581178223  | 36.0 | 36.0               | 0.2975441882177705   |
| 1254 | 13.5 | 10.817122888759465 | 36.0 | 36.000000000000001 | 2.6828771112405345   |
| 1255 | 13.5 | 15.095446146739546 | 36.0 | 35.999999999999999 | 1.5954461467395458   |
| 1256 | 13.5 | 15.095446146739546 | 36.0 | 35.999999999999999 | 1.5954461467395458   |
| 1257 | 13.5 | 15.075207398340812 | 36.0 | 36.0               | 1.5752073983408117   |
| 1258 | 13.5 | 15.075207398340812 | 36.0 | 36.0               | 1.5752073983408117   |
| 1259 | 13.5 | 14.712787773735993 | 36.0 | 36.0               | 1.2127877737359931   |
| 1260 | 13.5 | 13.5               | 36.0 | 36.0               | 0.0                  |
| 1261 | 13.5 | 13.483989190653768 | 36.0 | 36.0               | 0.016010809346232335 |
| 1262 | 13.5 | 13.483989190653768 | 36.0 | 36.0               | 0.016010809346232335 |
| 1263 | 13.5 | 15.192988183176151 | 36.0 | 36.0               | 1.6929881831761513   |
| 1264 | 15.0 | 15.122984799631507 | 36.0 | 36.0               | 0.12298479963150655  |
| 1265 | 15.0 | 15.122984799631507 | 36.0 | 36.0               | 0.12298479963150655  |
| 1266 | 15.0 | 15.122984799631507 | 36.0 | 36.0               | 0.12298479963150655  |
| 1267 | 15.0 | 15.122984799631507 | 36.0 | 36.0               | 0.12298479963150655  |
| 1268 | 15.0 | 15.031851796110196 | 36.0 | 36.000000000000001 | 0.03185179611019606  |
| 1269 | 15.0 | 15.031851796110196 | 36.0 | 36.000000000000001 | 0.03185179611019606  |
| 1270 | 15.0 | 12.301088493482311 | 36.0 | 36.0               | 2.698911506517689    |
| 1271 | 15.0 | 15.0               | 36.0 | 36.0               | 0.0                  |
| 1272 | 15.0 | 15.0               | 36.0 | 36.0               | 0.0                  |
| 1273 | 15.0 | 15.0               | 36.0 | 36.0               | 0.0                  |
| 1274 | 16.5 | 16.5               | 36.0 | 36.0               | 0.0                  |
| 1275 | 16.5 | 16.368160382947462 | 36.0 | 36.0               | 0.13183961705253822  |
| 1276 | 16.5 | 16.009129713066162 | 36.0 | 36.000000000000001 | 0.4908702869338377   |
| 1277 | 16.5 | 16.5               | 36.0 | 36.0               | 0.0                  |
| 1278 | 16.5 | 16.5               | 36.0 | 36.0               | 0.0                  |
|      |      |                    |      |                    |                      |



|      |       |                     |      |                    |                     |
|------|-------|---------------------|------|--------------------|---------------------|
| 1279 | 16.5  | 16.5                | 36.0 | 36.0               | 0.0                 |
| 1280 | 16.5  | 16.5                | 36.0 | 36.0               | 0.0                 |
| 1281 | 16.5  | 15.862522515761036  | 36.0 | 36.000000000000001 | 0.6374774842389641  |
| 1282 | 16.5  | 15.773605111264384  | 36.0 | 36.0               | 0.7263948887356158  |
| 1283 | 16.5  | 15.845974717232203  | 36.0 | 36.0               | 0.6540252827677975  |
| 1284 | 16.5  | 15.845974717232203  | 36.0 | 36.0               | 0.6540252827677975  |
| 1285 | 16.5  | 15.845974717232203  | 36.0 | 36.0               | 0.6540252827677975  |
| 1286 | 18.0  | 17.098293733332184  | 36.0 | 36.0               | 0.9017062666678157  |
| 1287 | 18.0  | 17.098293733332184  | 36.0 | 36.0               | 0.9017062666678157  |
| 1288 | 18.0  | 17.098293733332184  | 36.0 | 36.0               | 0.9017062666678157  |
| 1289 | 18.0  | 17.11473860419625   | 36.0 | 35.999999999999999 | 0.8852613958037487  |
| 1290 | 18.0  | 18.255877370838995  | 36.0 | 35.999999999999986 | 0.255877370838995   |
| 1291 | 18.0  | 18.0                | 36.0 | 36.0               | 0.0                 |
| 1292 | 18.0  | 18.0                | 36.0 | 36.0               | 0.0                 |
| 1293 | 18.0  | 18.0                | 36.0 | 36.0               | 0.0                 |
| 1294 | 19.5  | 18.54081689731169   | 36.0 | 36.000000000000001 | 0.9591831026883106  |
| 1295 | 19.5  | 18.724468704228602  | 36.0 | 36.0               | 0.7755312957713976  |
| 1296 | 19.5  | 18.724468704228602  | 36.0 | 36.0               | 0.7755312957713976  |
| 1297 | 19.5  | 19.748448244778118  | 36.0 | 36.0               | 0.24844824477811756 |
| 1298 | 19.5  | 19.748448244778118  | 36.0 | 36.0               | 0.24844824477811756 |
| 1299 | 19.5  | 19.748448244778118  | 36.0 | 36.0               | 0.24844824477811756 |
| 1300 | 19.5  | 18.13626292466766   | 36.0 | 36.000000000000001 | 1.3637370753323417  |
| 1301 | 118.5 | 118.5               | 30.0 | 30.0               | 0.0                 |
| 1302 | 118.5 | 119.54643628509717  | 30.0 | 31.046436285097183 | 1.4798843865437474  |
| 1303 | 118.5 | 119.54643628509717  | 30.0 | 31.046436285097183 | 1.4798843865437474  |
| 1304 | 118.5 | 118.69193456662094  | 28.5 | 29.053624594386644 | 0.5859514223668594  |
| 1305 | 118.5 | 118.5               | 28.5 | 28.5               | 0.0                 |
| 1306 | 118.5 | 118.67437672992789  | 28.5 | 28.194803519876196 | 0.35149983701319476 |
| 1307 | 118.5 | 118.68465448512798  | 28.5 | 28.58382711008989  | 0.20279118142537964 |
| 1308 | 118.5 | 118.69675308359588  | 28.5 | 28.717272104348794 | 0.29311933275142477 |
| 1309 | 118.5 | 118.5               | 27.0 | 27.0               | 0.0                 |
| 1310 | 118.5 | 118.5               | 27.0 | 27.0               | 0.0                 |
| 1311 | 118.5 | 118.5               | 27.0 | 27.0               | 0.0                 |
| 1312 | 118.5 | 118.5               | 27.0 | 27.0               | 0.0                 |
| 1313 | 118.5 | 118.77675411836486  | 27.0 | 28.71655277608297  | 1.738719722988747   |
| 1314 | 118.5 | 118.5               | 27.0 | 27.423022928873962 | 0.4230229288739622  |
| 1315 | 118.5 | 118.5               | 27.0 | 27.423022928873962 | 0.4230229288739622  |
| 1316 | 118.5 | 119.24453589900452  | 25.5 | 30.277376119236976 | 4.835044600576319   |
| 1317 | 118.5 | 118.5               | 25.5 | 27.4015423646769   | 1.9015423646768994  |
| 1318 | 118.5 | 118.500000000000001 | 25.5 | 27.91697961486657  | 2.4169796148665696  |
|      |       |                     |      |                    |                     |

|      |       |                    |      |                    |                      |
|------|-------|--------------------|------|--------------------|----------------------|
| 1319 | 118.5 | 118.49999999999999 | 25.5 | 22.603818308421644 | 2.896181691578356    |
| 1320 | 118.5 | 118.49999999999999 | 25.5 | 22.603818308421644 | 2.896181691578356    |
| 1321 | 118.5 | 118.49999999999999 | 25.5 | 22.603818308421644 | 2.896181691578356    |
| 1322 | 118.5 | 118.5              | 25.5 | 26.406802821289318 | 0.9068028212893182   |
| 1323 | 118.5 | 118.5              | 25.5 | 26.406802821289318 | 0.9068028212893182   |
| 1324 | 118.5 | 118.5              | 25.5 | 26.406802821289318 | 0.9068028212893182   |
| 1325 | 118.5 | 118.5              | 25.5 | 26.406802821289318 | 0.9068028212893182   |
| 1326 | 118.5 | 118.5              | 25.5 | 25.5               | 0.0                  |
| 1327 | 118.5 | 118.49999999999999 | 24.0 | 26.707395897331892 | 2.7073958973318923   |
| 1328 | 118.5 | 118.5              | 24.0 | 23.20454183348838  | 0.7954581665116187   |
| 1329 | 118.5 | 118.5              | 24.0 | 23.20454183348838  | 0.7954581665116187   |
| 1330 | 118.5 | 118.50000000000003 | 24.0 | 22.40560875512996  | 1.5943912448700388   |
| 1331 | 118.5 | 118.50000000000001 | 24.0 | 23.106296409284024 | 0.893703590715976    |
| 1332 | 118.5 | 118.50000000000001 | 24.0 | 23.106296409284024 | 0.893703590715976    |
| 1333 | 118.5 | 118.50000000000001 | 24.0 | 25.082787928457442 | 1.0827879284574422   |
| 1334 | 118.5 | 118.5              | 24.0 | 24.0               | 0.0                  |
| 1335 | 118.5 | 118.5              | 24.0 | 22.94738304516957  | 1.0526169548304303   |
| 1336 | 118.5 | 118.5              | 22.5 | 22.5               | 0.0                  |
| 1337 | 118.5 | 118.5              | 22.5 | 22.5               | 0.0                  |
| 1338 | 118.5 | 118.50000000000001 | 22.5 | 22.366374259622727 | 0.1336257403772727   |
| 1339 | 118.5 | 118.50000000000001 | 22.5 | 22.366374259622727 | 0.1336257403772727   |
| 1340 | 118.5 | 118.50000000000001 | 22.5 | 22.366374259622727 | 0.1336257403772727   |
| 1341 | 118.5 | 118.49999999999999 | 22.5 | 24.5189150290023   | 2.018915029002301    |
| 1342 | 118.5 | 118.5              | 22.5 | 21.4101821840705   | 1.0898178159295      |
| 1343 | 118.5 | 118.5              | 22.5 | 21.4101821840705   | 1.0898178159295      |
| 1344 | 118.5 | 118.5              | 22.5 | 21.4101821840705   | 1.0898178159295      |
| 1345 | 118.5 | 118.5              | 21.0 | 21.992881046504863 | 0.9928810465048628   |
| 1346 | 118.5 | 118.5              | 21.0 | 21.992881046504863 | 0.9928810465048628   |
| 1347 | 118.5 | 118.5              | 21.0 | 21.0               | 0.0                  |
| 1348 | 118.5 | 118.5              | 21.0 | 21.0               | 0.0                  |
| 1349 | 118.5 | 118.5              | 21.0 | 21.65643860460368  | 0.6564386046036788   |
| 1350 | 118.5 | 118.5              | 21.0 | 21.65643860460368  | 0.6564386046036788   |
| 1351 | 45.0  | 44.969856571466885 | 36.0 | 35.992099712389425 | 0.031161528012291696 |
| 1352 | 45.0  | 44.770633262345804 | 36.0 | 35.9409932896693   | 0.23683515829829802  |
| 1353 | 45.0  | 44.16606498194946  | 36.0 | 35.76792160907684  | 0.8656257816541941   |
| 1354 | 45.0  | 44.16606498194946  | 36.0 | 35.76792160907684  | 0.8656257816541941   |
| 1355 | 45.0  | 44.16606498194946  | 36.0 | 35.76792160907684  | 0.8656257816541941   |
| 1356 | 45.0  | 44.1819763252147   | 36.0 | 35.7656997755442   | 0.8509167572032458   |
| 1357 | 45.0  | 44.1819763252147   | 36.0 | 35.7656997755442   | 0.8509167572032458   |
| 1358 | 45.0  | 44.8525920997073   | 34.5 | 34.56788403038595  | 0.1622878019141992   |
|      |       |                    |      |                    |                      |

|      |      |                    |      |                    |                      |
|------|------|--------------------|------|--------------------|----------------------|
| 1359 | 45.0 | 44.20259214605579  | 34.5 | 34.87202893558387  | 0.879923186672322    |
| 1360 | 45.0 | 44.23063533537305  | 34.5 | 34.445408196633544 | 0.7712990679181059   |
| 1361 | 45.0 | 44.24009977310564  | 34.5 | 34.43432227363716  | 0.7627331896373011   |
| 1362 | 45.0 | 45.08610005461009  | 34.5 | 34.312539232977464 | 0.20628804758525976  |
| 1363 | 45.0 | 45.0               | 34.5 | 34.5               | 0.0                  |
| 1364 | 45.0 | 45.0               | 34.5 | 34.5               | 0.0                  |
| 1365 | 45.0 | 45.0               | 34.5 | 34.5               | 0.0                  |
| 1366 | 45.0 | 44.66220402791251  | 34.5 | 34.37403479234415  | 0.3605181719391065   |
| 1367 | 45.0 | 44.66220402791251  | 34.5 | 34.37403479234415  | 0.3605181719391065   |
| 1368 | 45.0 | 45.0               | 33.0 | 33.0               | 0.0                  |
| 1369 | 45.0 | 45.000000000000001 | 33.0 | 32.999849602341044 | 1.503976589560807E-4 |
| 1370 | 45.0 | 45.0               | 33.0 | 33.0               | 0.0                  |
| 1371 | 45.0 | 45.0               | 33.0 | 33.01034318267299  | 0.010343182672990281 |
| 1372 | 45.0 | 45.0               | 33.0 | 32.66221342833241  | 0.33778657166759274  |
| 1373 | 45.0 | 45.0               | 33.0 | 32.65806438924518  | 0.3419356107548168   |
| 1374 | 45.0 | 45.000000000000001 | 33.0 | 32.65495104355194  | 0.34504895644806055  |
| 1375 | 45.0 | 45.20874068168957  | 33.0 | 32.0190616623792   | 1.002902136006541    |
| 1376 | 45.0 | 46.4244410629869   | 31.5 | 31.708754293713596 | 1.4396564510559853   |
| 1377 | 45.0 | 46.4244410629869   | 31.5 | 31.708754293713596 | 1.4396564510559853   |
| 1378 | 45.0 | 46.6081684747926   | 31.5 | 31.736758136566692 | 1.6255030786028328   |
| 1379 | 45.0 | 46.26003702823954  | 31.5 | 31.729818074332997 | 1.2808238207594562   |
| 1380 | 45.0 | 46.26234396775209  | 31.5 | 31.722079031363794 | 1.281729842475225    |
| 1381 | 45.0 | 46.26234396775209  | 31.5 | 31.722079031363794 | 1.281729842475225    |
| 1382 | 45.0 | 46.26417760677672  | 31.5 | 31.71452710902878  | 1.2822507172873643   |
| 1383 | 45.0 | 46.08238339334834  | 31.5 | 31.720084623314165 | 1.10453205096801     |
| 1384 | 45.0 | 46.157666022509694 | 31.5 | 31.676593122077747 | 1.1710575350675911   |
| 1385 | 45.0 | 46.157666022509694 | 31.5 | 31.676593122077747 | 1.1710575350675911   |
| 1386 | 45.0 | 46.157666022509694 | 31.5 | 31.676593122077747 | 1.1710575350675911   |
| 1387 | 45.0 | 46.157666022509694 | 31.5 | 31.676593122077747 | 1.1710575350675911   |
| 1388 | 45.0 | 45.0               | 31.5 | 31.5               | 0.0                  |
| 1389 | 45.0 | 45.0               | 31.5 | 31.5               | 0.0                  |
| 1390 | 45.0 | 45.0               | 31.5 | 31.5               | 0.0                  |
| 1391 | 45.0 | 45.0               | 30.0 | 30.0               | 0.0                  |
| 1392 | 45.0 | 45.0               | 30.0 | 30.0               | 0.0                  |
| 1393 | 45.0 | 45.0               | 30.0 | 30.0               | 0.0                  |
| 1394 | 45.0 | 45.305517155409724 | 30.0 | 30.073750487303062 | 0.31429264488226377  |
| 1395 | 45.0 | 45.11788295001334  | 30.0 | 30.12325629299692  | 0.17055352141539057  |
| 1396 | 45.0 | 45.11788295001334  | 30.0 | 30.12325629299692  | 0.17055352141539057  |
| 1397 | 45.0 | 45.000000000000001 | 30.0 | 30.060789496035735 | 0.06078949603573491  |
| 1398 | 45.0 | 45.0               | 30.0 | 30.0               | 0.0                  |
|      |      |                    |      |                    |                      |

|      |       |                    |      |                    |                     |
|------|-------|--------------------|------|--------------------|---------------------|
| 1399 | 45.0  | 44.999999999999986 | 30.0 | 30.475144342098105 | 0.47514434209810474 |
| 1400 | 45.0  | 44.999999999999986 | 30.0 | 29.307800663619854 | 0.6921993363801455  |
| 1401 | 124.5 | 122.54454438444057 | 0.0  | 0.2039652346702464 | 1.9660642108987685  |
| 1402 | 124.5 | 124.99963671661362 | 0.0  | 0.9983341327089315 | 1.1163816055095745  |
| 1403 | 124.5 | 127.50623275101216 | 0.0  | 0.0                | 3.0062327510121634  |
| 1404 | 124.5 | 124.5              | 0.0  | 0.0                | 0.0                 |
| 1405 | 124.5 | 125.403382669763   | 0.0  | 0.0                | 0.9033826697630047  |
| 1406 | 124.5 | 127.85241601502007 | 0.0  | 0.0                | 3.3524160150200686  |
| 1407 | 124.5 | 127.85241601502007 | 0.0  | 0.0                | 3.3524160150200686  |
| 1408 | 124.5 | 127.91665583993762 | 0.0  | 0.0                | 3.4166558399376186  |
| 1409 | 124.5 | 125.5181506081726  | 0.0  | 0.0                | 1.0181506081726042  |
| 1410 | 126.0 | 125.73516679851107 | 0.0  | 0.0                | 0.2648332014889263  |
| 1411 | 126.0 | 125.744859371307   | 0.0  | 0.0                | 0.2551406286929989  |
| 1412 | 126.0 | 126.0              | 0.0  | 0.0                | 0.0                 |
| 1413 | 126.0 | 126.0              | 0.0  | 0.0                | 0.0                 |
| 1414 | 126.0 | 127.1280298306354  | 0.0  | 0.0                | 1.1280298306353984  |
| 1415 | 126.0 | 128.92012392665052 | 0.0  | 0.0                | 2.9201239266505183  |
| 1416 | 126.0 | 128.92012392665052 | 0.0  | 0.0                | 2.9201239266505183  |
| 1417 | 126.0 | 128.9563070383798  | 0.0  | 0.0                | 2.956307038379805   |
| 1418 | 126.0 | 128.9563070383798  | 0.0  | 0.0                | 2.956307038379805   |
| 1419 | 126.0 | 128.9563070383798  | 0.0  | 0.0                | 2.956307038379805   |
| 1420 | 126.0 | 128.12189068918303 | 0.0  | 0.0                | 2.121890689183033   |
| 1421 | 126.0 | 128.68686389980886 | 0.0  | 0.0                | 2.6868638998088556  |
| 1422 | 126.0 | 128.68686389980886 | 0.0  | 0.0                | 2.6868638998088556  |
| 1423 | 127.5 | 127.97110591547671 | 0.0  | 0.0                | 0.47110591547671277 |
| 1424 | 127.5 | 128.07725186006016 | 0.0  | 0.0                | 0.5772518600601586  |
| 1425 | 127.5 | 128.07725186006016 | 0.0  | 0.0                | 0.5772518600601586  |
| 1426 | 127.5 | 129.4500296706557  | 0.0  | 0.0                | 1.9500296706557094  |
| 1427 | 127.5 | 129.4500296706557  | 0.0  | 0.0                | 1.9500296706557094  |
| 1428 | 127.5 | 127.5              | 0.0  | 0.0                | 0.0                 |
| 1429 | 127.5 | 128.76310801122764 | 0.0  | 0.0                | 1.2631080112276436  |
| 1430 | 129.0 | 129.0              | 0.0  | 0.0                | 0.0                 |
| 1431 | 129.0 | 129.0              | 0.0  | 0.0                | 0.0                 |
| 1432 | 129.0 | 130.06299911909542 | 0.0  | 0.0                | 1.0629991190954229  |
| 1433 | 129.0 | 130.06299911909542 | 0.0  | 0.0                | 1.0629991190954229  |
| 1434 | 129.0 | 129.34084636614537 | 0.0  | 0.0                | 0.3408463661453709  |
| 1435 | 129.0 | 129.39119641236454 | 0.0  | 0.0                | 0.3911964123645362  |
| 1436 | 129.0 | 129.39119641236454 | 0.0  | 0.0                | 0.3911964123645362  |
| 1437 | 129.0 | 130.0353850235458  | 0.0  | 0.0                | 1.035385023545814   |
| 1438 | 129.0 | 130.0353850235458  | 0.0  | 0.0                | 1.035385023545814   |
|      |       |                    |      |                    |                     |

|      |       |                    |      |                    |                      |
|------|-------|--------------------|------|--------------------|----------------------|
| 1439 | 129.0 | 130.0353850235458  | 0.0  | 0.0                | 1.035385023545814    |
| 1440 | 130.5 | 130.28035028166227 | 0.0  | 0.0                | 0.2196497183377346   |
| 1441 | 130.5 | 130.5              | 0.0  | 0.0                | 0.0                  |
| 1442 | 130.5 | 130.5              | 0.0  | 0.0                | 0.0                  |
| 1443 | 130.5 | 130.5              | 0.0  | 0.0                | 0.0                  |
| 1444 | 130.5 | 130.5              | 0.0  | 0.0                | 0.0                  |
| 1445 | 130.5 | 130.03796490478842 | 0.0  | 0.0                | 0.4620350952115757   |
| 1446 | 130.5 | 129.61435811501207 | 0.0  | 0.0                | 0.8856418849879333   |
| 1447 | 130.5 | 129.61435811501207 | 0.0  | 0.0                | 0.8856418849879333   |
| 1448 | 130.5 | 129.61435811501207 | 0.0  | 0.0                | 0.8856418849879333   |
| 1449 | 132.0 | 130.15110759493672 | 0.0  | 0.0                | 1.8488924050632818   |
| 1450 | 132.0 | 132.0              | 0.0  | 0.0                | 0.0                  |
| 1451 | 72.0  | 72.0               | 9.0  | 8.96128424640962   | 0.038715753590379265 |
| 1452 | 72.0  | 72.0               | 9.0  | 8.69228867084573   | 0.30771132915426946  |
| 1453 | 72.0  | 71.99999999999999  | 9.0  | 8.972094285376953  | 0.027905714623047473 |
| 1454 | 72.0  | 72.0               | 9.0  | 9.0                | 0.0                  |
| 1455 | 72.0  | 72.0               | 9.0  | 9.0                | 0.0                  |
| 1456 | 72.0  | 72.0               | 10.5 | 10.5               | 0.0                  |
| 1457 | 72.0  | 72.0               | 10.5 | 10.5               | 0.0                  |
| 1458 | 72.0  | 72.0               | 10.5 | 12.847358524054568 | 2.3473585240545685   |
| 1459 | 72.0  | 72.0               | 10.5 | 12.863955986058198 | 2.3639559860581976   |
| 1460 | 72.0  | 72.0               | 10.5 | 12.863955986058198 | 2.3639559860581976   |
| 1461 | 72.0  | 72.0               | 10.5 | 12.146690532712825 | 1.6466905327128245   |
| 1462 | 72.0  | 72.0               | 10.5 | 12.146690532712825 | 1.6466905327128245   |
| 1463 | 72.0  | 72.0               | 10.5 | 12.146690532712825 | 1.6466905327128245   |
| 1464 | 72.0  | 72.0               | 10.5 | 12.123923083886803 | 1.6239230838868028   |
| 1465 | 72.0  | 72.0               | 12.0 | 12.123923083886803 | 0.12392308388680284  |
| 1466 | 72.0  | 72.0               | 12.0 | 11.479678520611078 | 0.5203214793889224   |
| 1467 | 72.0  | 72.0               | 12.0 | 11.479678520611078 | 0.5203214793889224   |
| 1468 | 72.0  | 72.0               | 12.0 | 11.479678520611078 | 0.5203214793889224   |
| 1469 | 72.0  | 72.0               | 12.0 | 11.479678520611078 | 0.5203214793889224   |
| 1470 | 72.0  | 72.0               | 12.0 | 12.0               | 0.0                  |
| 1471 | 72.0  | 72.0               | 12.0 | 12.0               | 0.0                  |
| 1472 | 72.0  | 72.0               | 12.0 | 13.33385193707815  | 1.3338519370781494   |
| 1473 | 72.0  | 72.00000000000001  | 12.0 | 12.952858107383314 | 0.9528581073833138   |
| 1474 | 72.0  | 72.0               | 12.0 | 12.0               | 0.0                  |
| 1475 | 72.0  | 72.0               | 12.0 | 12.0               | 0.0                  |
| 1476 | 72.0  | 72.0               | 12.0 | 12.0               | 0.0                  |
| 1477 | 72.0  | 72.00000000000001  | 12.0 | 12.360493225568874 | 0.36049322556887375  |
| 1478 | 72.0  | 72.0               | 12.0 | 13.663818023908279 | 1.663818023908279    |
|      |       |                    |      |                    |                      |

|      |      |                    |      |                    |                     |
|------|------|--------------------|------|--------------------|---------------------|
| 1479 | 72.0 | 72.0               | 13.5 | 13.5               | 0.0                 |
| 1480 | 72.0 | 72.0               | 13.5 | 13.5               | 0.0                 |
| 1481 | 72.0 | 72.0               | 13.5 | 13.5               | 0.0                 |
| 1482 | 72.0 | 72.0               | 13.5 | 14.36240823564998  | 0.8624082356499798  |
| 1483 | 72.0 | 72.0               | 13.5 | 14.36240823564998  | 0.8624082356499798  |
| 1484 | 72.0 | 72.0               | 13.5 | 14.36240823564998  | 0.8624082356499798  |
| 1485 | 72.0 | 72.0               | 13.5 | 14.36240823564998  | 0.8624082356499798  |
| 1486 | 72.0 | 71.99999999999997  | 15.0 | 14.95107799782325  | 0.04892200217675047 |
| 1487 | 72.0 | 72.000000000000001 | 15.0 | 14.451071910006913 | 0.5489280899930868  |
| 1488 | 72.0 | 72.000000000000001 | 15.0 | 14.68404226419195  | 0.3159577358080501  |
| 1489 | 72.0 | 72.000000000000001 | 15.0 | 14.68404226419195  | 0.3159577358080501  |
| 1490 | 72.0 | 72.000000000000001 | 15.0 | 14.68404226419195  | 0.3159577358080501  |
| 1491 | 72.0 | 72.000000000000001 | 15.0 | 14.68404226419195  | 0.3159577358080501  |
| 1492 | 72.0 | 72.000000000000001 | 15.0 | 14.68404226419195  | 0.3159577358080501  |
| 1493 | 72.0 | 72.0               | 15.0 | 14.69146972364635  | 0.3085302763536504  |
| 1494 | 72.0 | 72.0               | 15.0 | 14.331311077589032 | 0.6686889224109684  |
| 1495 | 72.0 | 72.0               | 15.0 | 15.0               | 0.0                 |
| 1496 | 72.0 | 72.0               | 15.0 | 15.0               | 0.0                 |
| 1497 | 72.0 | 72.0               | 15.0 | 15.0               | 0.0                 |
| 1498 | 72.0 | 72.000000000000001 | 16.5 | 15.318745317683996 | 1.1812546823160037  |
| 1499 | 72.0 | 72.000000000000001 | 16.5 | 15.318745317683996 | 1.1812546823160037  |
| 1500 | 72.0 | 72.0               | 16.5 | 15.366297151379797 | 1.133702848620203   |
| 1501 | 45.0 | 44.999999999999986 | 30.0 | 29.307800663619854 | 0.6921993363801455  |
| 1502 | 45.0 | 45.671445385672385 | 28.5 | 30.676572352673453 | 2.2777853525657745  |
| 1503 | 45.0 | 44.999999999999999 | 28.5 | 28.710049397838947 | 0.21004939783894727 |
| 1504 | 45.0 | 44.999999999999999 | 28.5 | 28.710049397838947 | 0.21004939783894727 |
| 1505 | 45.0 | 45.0               | 28.5 | 28.645538413287937 | 0.14553841328793737 |
| 1506 | 45.0 | 45.000000000000001 | 28.5 | 29.84262422803088  | 1.3426242280308784  |
| 1507 | 45.0 | 45.0               | 28.5 | 29.27703306634089  | 0.7770330663408913  |
| 1508 | 45.0 | 45.000000000000001 | 28.5 | 29.26142810775593  | 0.7614281077559291  |
| 1509 | 45.0 | 45.0               | 27.0 | 28.388010827803    | 1.3880108278030008  |
| 1510 | 45.0 | 45.0               | 27.0 | 28.36507131889804  | 1.365071318898039   |
| 1511 | 45.0 | 45.0               | 27.0 | 28.36507131889804  | 1.365071318898039   |
| 1512 | 45.0 | 44.999999999999999 | 27.0 | 28.05885174525865  | 1.0588517452586501  |
| 1513 | 45.0 | 45.0               | 27.0 | 27.0               | 0.0                 |
| 1514 | 45.0 | 45.0               | 27.0 | 27.0               | 0.0                 |
| 1515 | 45.0 | 45.000000000000001 | 27.0 | 26.208564312001812 | 0.7914356879981881  |
| 1516 | 45.0 | 45.000000000000001 | 27.0 | 25.253999581460132 | 1.746000418539868   |
| 1517 | 45.0 | 45.0               | 27.0 | 25.231160976326855 | 1.768839023673145   |
| 1518 | 45.0 | 45.000000000000001 | 25.5 | 25.459817175889736 | 0.04018282411026419 |
|      |      |                    |      |                    |                     |

|      |      |                    |      |                    |                      |
|------|------|--------------------|------|--------------------|----------------------|
| 1519 | 45.0 | 45.000000000000001 | 25.5 | 25.459817175889736 | 0.04018282411026419  |
| 1520 | 45.0 | 45.000000000000001 | 25.5 | 25.087807502504543 | 0.4121924974954574   |
| 1521 | 45.0 | 45.0               | 25.5 | 25.079219492120945 | 0.42078050787905497  |
| 1522 | 45.0 | 45.0               | 25.5 | 25.079219492120945 | 0.42078050787905497  |
| 1523 | 45.0 | 45.000000000000001 | 25.5 | 25.960019030923334 | 0.46001903092333407  |
| 1524 | 45.0 | 45.0               | 25.5 | 25.27872738046402  | 0.22127261953598065  |
| 1525 | 45.0 | 45.0               | 24.0 | 24.0               | 0.0                  |
| 1526 | 45.0 | 45.0               | 24.0 | 24.0               | 0.0                  |
| 1527 | 45.0 | 45.0               | 24.0 | 23.992112071539403 | 0.007887928460597493 |
| 1528 | 45.0 | 45.0               | 24.0 | 23.971819038312198 | 0.028180961687802153 |
| 1529 | 45.0 | 45.0               | 24.0 | 23.26808154018827  | 0.7319184598117303   |
| 1530 | 45.0 | 44.999999999999999 | 22.5 | 24.412341099658295 | 1.9123410996582955   |
| 1531 | 45.0 | 45.0               | 22.5 | 24.79266456638567  | 2.292664566385671    |
| 1532 | 45.0 | 45.0               | 22.5 | 22.5               | 0.0                  |
| 1533 | 45.0 | 45.0               | 22.5 | 22.5               | 0.0                  |
| 1534 | 45.0 | 45.000000000000001 | 22.5 | 22.565675820575446 | 0.06567582057544641  |
| 1535 | 45.0 | 45.000000000000001 | 22.5 | 22.51540342615058  | 0.015403426150580657 |
| 1536 | 45.0 | 45.000000000000001 | 21.0 | 21.05755811301823  | 0.05755811301823144  |
| 1537 | 45.0 | 45.0               | 21.0 | 21.0               | 0.0                  |
| 1538 | 45.0 | 45.0               | 21.0 | 21.012430784647403 | 0.012430784647403215 |
| 1539 | 45.0 | 45.0               | 21.0 | 21.012430784647403 | 0.012430784647403215 |
| 1540 | 45.0 | 45.0               | 21.0 | 21.012430784647403 | 0.012430784647403215 |
| 1541 | 45.0 | 44.999999999999999 | 19.5 | 19.798155345590786 | 0.2981553455907857   |
| 1542 | 45.0 | 45.0               | 19.5 | 19.451220789484257 | 0.04877921051574319  |
| 1543 | 45.0 | 45.0               | 19.5 | 19.5               | 0.0                  |
| 1544 | 45.0 | 45.0               | 19.5 | 19.5               | 0.0                  |
| 1545 | 45.0 | 44.999999999999999 | 19.5 | 15.475471845180001 | 4.024528154819999    |
| 1546 | 45.0 | 45.000000000000001 | 19.5 | 17.11283269529003  | 2.387167304709969    |
| 1547 | 45.0 | 45.000000000000001 | 19.5 | 17.11283269529003  | 2.387167304709969    |
| 1548 | 45.0 | 45.000000000000001 | 19.5 | 17.11283269529003  | 2.387167304709969    |
| 1549 | 45.0 | 45.0               | 18.0 | 18.0               | 0.0                  |
| 1550 | 45.0 | 45.0               | 18.0 | 18.0               | 0.0                  |
| 1551 | 0.0  | 0.0                | 0.0  | 0.9283121597096189 | 0.9283121597096189   |
| 1552 | 0.0  | 0.0                | 0.0  | 0.9283121597096189 | 0.9283121597096189   |
| 1553 | 0.0  | 0.0                | 0.0  | 0.0                | 0.0                  |
| 1554 | 0.0  | 0.0                | 0.0  | 2.4396558578903003 | 2.4396558578903003   |
| 1555 | 0.0  | 0.0                | 0.0  | 4.9634811675152    | 4.9634811675152      |
| 1556 | 0.0  | 0.0                | 0.0  | 4.9634811675152    | 4.9634811675152      |
| 1557 | 0.0  | 0.0                | 0.0  | 4.9634811675152    | 4.9634811675152      |
| 1558 | 0.0  | 0.0                | 0.0  | 1.5870850453054255 | 1.5870850453054255   |
|      |      |                    |      |                    |                      |

|      |     |     |     |                    |                     |
|------|-----|-----|-----|--------------------|---------------------|
| 1559 | 0.0 | 0.0 | 1.5 | 1.5972517893048823 | 0.09725178930488232 |
| 1560 | 0.0 | 0.0 | 1.5 | 1.5972517893048823 | 0.09725178930488232 |
| 1561 | 0.0 | 0.0 | 1.5 | 2.973963618926756  | 1.473963618926756   |
| 1562 | 0.0 | 0.0 | 1.5 | 3.4307162265968056 | 1.9307162265968056  |
| 1563 | 0.0 | 0.0 | 1.5 | 2.526557739370864  | 1.026557739370864   |
| 1564 | 0.0 | 0.0 | 1.5 | 2.526557739370864  | 1.026557739370864   |
| 1565 | 0.0 | 0.0 | 1.5 | 2.526557739370864  | 1.026557739370864   |
| 1566 | 0.0 | 0.0 | 1.5 | 2.526557739370864  | 1.026557739370864   |
| 1567 | 0.0 | 0.0 | 1.5 | 3.6016590339583514 | 2.1016590339583514  |
| 1568 | 0.0 | 0.0 | 1.5 | 3.6016590339583514 | 2.1016590339583514  |
| 1569 | 0.0 | 0.0 | 3.0 | 3.0                | 0.0                 |
| 1570 | 0.0 | 0.0 | 3.0 | 3.0                | 0.0                 |
| 1571 | 0.0 | 0.0 | 3.0 | 3.0                | 0.0                 |
| 1572 | 0.0 | 0.0 | 3.0 | 3.0                | 0.0                 |
| 1573 | 0.0 | 0.0 | 3.0 | 3.0                | 0.0                 |
| 1574 | 0.0 | 0.0 | 3.0 | 3.937755128238042  | 0.9377551282380421  |
| 1575 | 0.0 | 0.0 | 3.0 | 3.937755128238042  | 0.9377551282380421  |
| 1576 | 0.0 | 0.0 | 3.0 | 3.937755128238042  | 0.9377551282380421  |
| 1577 | 0.0 | 0.0 | 3.0 | 3.966814998104284  | 0.966814998104284   |
| 1578 | 0.0 | 0.0 | 4.5 | 5.168226822682268  | 0.6682268226822679  |
| 1579 | 0.0 | 0.0 | 4.5 | 5.168226822682268  | 0.6682268226822679  |
| 1580 | 0.0 | 0.0 | 4.5 | 5.168226822682268  | 0.6682268226822679  |
| 1581 | 0.0 | 0.0 | 4.5 | 4.211951192940409  | 0.2880488070595906  |
| 1582 | 0.0 | 0.0 | 4.5 | 4.211951192940409  | 0.2880488070595906  |
| 1583 | 0.0 | 0.0 | 4.5 | 4.739040451552211  | 0.23904045155221088 |
| 1584 | 0.0 | 0.0 | 4.5 | 6.669633127497276  | 2.169633127497276   |
| 1585 | 0.0 | 0.0 | 4.5 | 6.669633127497276  | 2.169633127497276   |
| 1586 | 0.0 | 0.0 | 4.5 | 4.303019662921349  | 0.19698033707865115 |
| 1587 | 0.0 | 0.0 | 6.0 | 5.1375             | 0.8624999999999998  |
| 1588 | 0.0 | 0.0 | 6.0 | 5.2092071005917155 | 0.7907928994082845  |
| 1589 | 0.0 | 0.0 | 6.0 | 5.2092071005917155 | 0.7907928994082845  |
| 1590 | 0.0 | 0.0 | 6.0 | 5.2092071005917155 | 0.7907928994082845  |
| 1591 | 0.0 | 0.0 | 6.0 | 5.2092071005917155 | 0.7907928994082845  |
| 1592 | 0.0 | 0.0 | 6.0 | 5.575714041063308  | 0.4242859589366921  |
| 1593 | 0.0 | 0.0 | 6.0 | 6.0                | 0.0                 |
| 1594 | 0.0 | 0.0 | 6.0 | 8.83570165896111   | 2.83570165896111    |
| 1595 | 0.0 | 0.0 | 6.0 | 8.83570165896111   | 2.83570165896111    |
| 1596 | 0.0 | 0.0 | 6.0 | 8.83570165896111   | 2.83570165896111    |
| 1597 | 0.0 | 0.0 | 7.5 | 7.395869720302084  | 0.104130279697916   |
| 1598 | 0.0 | 0.0 | 7.5 | 4.842400946185689  | 2.6575990538143106  |
|      |     |     |     |                    |                     |



|      |      |                    |     |     |                      |
|------|------|--------------------|-----|-----|----------------------|
| 1599 | 0.0  | 0.0                | 7.5 | 7.5 | 0.0                  |
| 1600 | 0.0  | 0.0                | 7.5 | 7.5 | 0.0                  |
| 1601 | 54.0 | 54.113100789956015 | 0.0 | 0.0 | 0.11310078995601458  |
| 1602 | 54.0 | 54.0               | 0.0 | 0.0 | 0.0                  |
| 1603 | 55.5 | 55.5               | 0.0 | 0.0 | 0.0                  |
| 1604 | 55.5 | 55.55458509496001  | 0.0 | 0.0 | 0.05458509496001085  |
| 1605 | 55.5 | 55.5               | 0.0 | 0.0 | 0.0                  |
| 1606 | 55.5 | 55.5               | 0.0 | 0.0 | 0.0                  |
| 1607 | 55.5 | 55.99396284532699  | 0.0 | 0.0 | 0.4939628453269904   |
| 1608 | 55.5 | 56.059213810411386 | 0.0 | 0.0 | 0.5592138104113857   |
| 1609 | 55.5 | 56.059213810411386 | 0.0 | 0.0 | 0.5592138104113857   |
| 1610 | 55.5 | 56.059213810411386 | 0.0 | 0.0 | 0.5592138104113857   |
| 1611 | 57.0 | 57.0               | 0.0 | 0.0 | 0.0                  |
| 1612 | 57.0 | 57.04079096759906  | 0.0 | 0.0 | 0.04079096759905809  |
| 1613 | 57.0 | 57.0               | 0.0 | 0.0 | 0.0                  |
| 1614 | 57.0 | 57.0               | 0.0 | 0.0 | 0.0                  |
| 1615 | 57.0 | 57.0               | 0.0 | 0.0 | 0.0                  |
| 1616 | 57.0 | 57.0               | 0.0 | 0.0 | 0.0                  |
| 1617 | 57.0 | 57.02698257472522  | 0.0 | 0.0 | 0.026982574725217034 |
| 1618 | 57.0 | 57.21256107016562  | 0.0 | 0.0 | 0.21256107016561998  |
| 1619 | 57.0 | 57.21256107016562  | 0.0 | 0.0 | 0.21256107016561998  |
| 1620 | 58.5 | 58.1421220476514   | 0.0 | 0.0 | 0.357877952348602    |
| 1621 | 58.5 | 58.1421220476514   | 0.0 | 0.0 | 0.357877952348602    |
| 1622 | 58.5 | 58.1421220476514   | 0.0 | 0.0 | 0.357877952348602    |
| 1623 | 58.5 | 58.434473667893236 | 0.0 | 0.0 | 0.06552633210676362  |
| 1624 | 58.5 | 58.5               | 0.0 | 0.0 | 0.0                  |
| 1625 | 60.0 | 59.83490505102701  | 0.0 | 0.0 | 0.16509494897299248  |
| 1626 | 60.0 | 59.83490505102701  | 0.0 | 0.0 | 0.16509494897299248  |
| 1627 | 60.0 | 59.707729850645094 | 0.0 | 0.0 | 0.2922701493549056   |
| 1628 | 60.0 | 59.707729850645094 | 0.0 | 0.0 | 0.2922701493549056   |
| 1629 | 60.0 | 59.714925970111466 | 0.0 | 0.0 | 0.28507402988853414  |
| 1630 | 60.0 | 59.714925970111466 | 0.0 | 0.0 | 0.28507402988853414  |
| 1631 | 60.0 | 60.01211190719892  | 0.0 | 0.0 | 0.012111907198921301 |
| 1632 | 61.5 | 61.5               | 0.0 | 0.0 | 0.0                  |
| 1633 | 61.5 | 61.470651139607575 | 0.0 | 0.0 | 0.02934886039242457  |
| 1634 | 61.5 | 61.41099972907072  | 0.0 | 0.0 | 0.08900027092928298  |
| 1635 | 61.5 | 61.41099972907072  | 0.0 | 0.0 | 0.08900027092928298  |
| 1636 | 61.5 | 61.41185423743768  | 0.0 | 0.0 | 0.08814576256231987  |
| 1637 | 61.5 | 61.41185423743768  | 0.0 | 0.0 | 0.08814576256231987  |
| 1638 | 61.5 | 61.448165072111955 | 0.0 | 0.0 | 0.051834927888045    |
|      |      |                    |     |     |                      |

|      |      |                     |      |                    |                     |
|------|------|---------------------|------|--------------------|---------------------|
| 1639 | 61.5 | 61.94621991593554   | 0.0  | 0.0                | 0.44621991593553645 |
| 1640 | 61.5 | 61.94621991593554   | 0.0  | 0.0                | 0.44621991593553645 |
| 1641 | 63.0 | 62.59364659166113   | 0.0  | 0.0                | 0.4063534083388731  |
| 1642 | 63.0 | 63.0                | 0.0  | 0.0                | 0.0                 |
| 1643 | 63.0 | 63.0                | 0.0  | 0.0                | 0.0                 |
| 1644 | 63.0 | 62.02471083070453   | 0.0  | 0.0                | 0.9752891692954719  |
| 1645 | 63.0 | 63.92875242443076   | 0.0  | 0.0                | 0.9287524244307619  |
| 1646 | 63.0 | 63.92875242443076   | 0.0  | 0.0                | 0.9287524244307619  |
| 1647 | 63.0 | 63.908392272245294  | 0.0  | 0.0                | 0.908392272245294   |
| 1648 | 63.0 | 63.86064201655261   | 0.0  | 0.0                | 0.8606420165526103  |
| 1649 | 64.5 | 66.03283237955286   | 0.0  | 0.0                | 1.5328323795528576  |
| 1650 | 64.5 | 66.03283237955286   | 0.0  | 0.0                | 1.5328323795528576  |
| 1651 | 0.0  | 0.0                 | 31.5 | 31.875780395753242 | 0.3757803957532424  |
| 1652 | 0.0  | 0.0                 | 31.5 | 31.90176595287679  | 0.40176595287679007 |
| 1653 | 0.0  | 0.0                 | 31.5 | 31.90176595287679  | 0.40176595287679007 |
| 1654 | 0.0  | 0.0                 | 31.5 | 32.37501128057035  | 0.875011280570348   |
| 1655 | 0.0  | 0.0                 | 31.5 | 33.81914922027352  | 2.3191492202735233  |
| 1656 | 0.0  | 0.0                 | 31.5 | 33.81914922027352  | 2.3191492202735233  |
| 1657 | 0.0  | 0.0                 | 33.0 | 31.042375203862573 | 1.9576247961374271  |
| 1658 | 0.0  | 0.0                 | 33.0 | 31.042375203862573 | 1.9576247961374271  |
| 1659 | 0.0  | 0.0                 | 33.0 | 31.042375203862573 | 1.9576247961374271  |
| 1660 | 0.0  | 0.0                 | 33.0 | 33.0               | 0.0                 |
| 1661 | 0.0  | 0.0                 | 33.0 | 33.0               | 0.0                 |
| 1662 | 0.0  | 0.0                 | 33.0 | 33.0               | 0.0                 |
| 1663 | 0.0  | 0.0                 | 33.0 | 33.0               | 0.0                 |
| 1664 | 0.0  | 0.0                 | 33.0 | 33.0               | 0.0                 |
| 1665 | 0.0  | 0.0711253881218207  | 34.5 | 34.44707835106031  | 0.08865394386024313 |
| 1666 | 0.0  | 0.0                 | 34.5 | 34.5               | 0.0                 |
| 1667 | 0.0  | 0.4591721047810434  | 34.5 | 34.253707385657584 | 0.5210557299259604  |
| 1668 | 0.0  | 0.48738461538461536 | 34.5 | 34.25907692307692  | 0.54367977000004061 |
| 1669 | 0.0  | 0.48738461538461536 | 34.5 | 34.25907692307692  | 0.54367977000004061 |
| 1670 | 0.0  | 0.5148701099724218  | 34.5 | 34.26596813183072  | 0.565563564475133   |
| 1671 | 0.0  | 0.5417418077853531  | 34.5 | 34.27415878601276  | 0.5869313760890379  |
| 1672 | 0.0  | 0.0                 | 34.5 | 34.42590393803949  | 0.07409606196051044 |
| 1673 | 0.0  | 0.0                 | 34.5 | 34.42590393803949  | 0.07409606196051044 |
| 1674 | 0.0  | 0.0                 | 34.5 | 34.5               | 0.0                 |
| 1675 | 0.0  | 0.3104482803600156  | 36.0 | 34.6173964085395   | 1.41702887264091    |
| 1676 | 0.0  | 0.33911260725404335 | 36.0 | 34.64753600445468  | 1.3943300253688327  |
| 1677 | 0.0  | 0.33240730084575876 | 36.0 | 35.976526326129495 | 0.3332350927206521  |
| 1678 | 0.0  | 0.5976743108342666  | 36.0 | 35.95615932769377  | 0.5992800567176234  |
|      |      |                     |      |                    |                     |

|      |       |                    |      |                    |                      |
|------|-------|--------------------|------|--------------------|----------------------|
| 1679 | 0.0   | 0.5976743108342666 | 36.0 | 35.95615932769377  | 0.5992800567176234   |
| 1680 | 0.0   | 2.0571716324539384 | 36.0 | 36.0               | 2.0571716324539384   |
| 1681 | 0.0   | 3.8812248808003185 | 36.0 | 36.0               | 3.8812248808003185   |
| 1682 | 0.0   | 3.899832353517759  | 36.0 | 36.0               | 3.899832353517759    |
| 1683 | 0.0   | 3.9231692875619384 | 36.0 | 36.0               | 3.9231692875619384   |
| 1684 | 1.5   | 2.4908437031452513 | 36.0 | 36.000000000000001 | 0.9908437031452513   |
| 1685 | 1.5   | 2.3770056318426107 | 36.0 | 36.0               | 0.8770056318426107   |
| 1686 | 1.5   | 2.357049565728466  | 36.0 | 36.0               | 0.8570495657284658   |
| 1687 | 1.5   | 3.3032245099365687 | 36.0 | 36.000000000000001 | 1.8032245099365687   |
| 1688 | 1.5   | 1.5                | 36.0 | 36.0               | 0.0                  |
| 1689 | 1.5   | 1.5                | 36.0 | 36.0               | 0.0                  |
| 1690 | 1.5   | 1.5                | 36.0 | 36.0               | 0.0                  |
| 1691 | 1.5   | 1.5                | 36.0 | 36.0               | 0.0                  |
| 1692 | 1.5   | 1.5                | 36.0 | 36.0               | 0.0                  |
| 1693 | 3.0   | 3.5558861028474285 | 36.0 | 36.0               | 0.5558861028474285   |
| 1694 | 3.0   | 2.978876498079681  | 36.0 | 35.999999999999999 | 0.021123501920318866 |
| 1695 | 3.0   | 3.0                | 36.0 | 36.0               | 0.0                  |
| 1696 | 3.0   | 3.0                | 36.0 | 36.0               | 0.0                  |
| 1697 | 3.0   | 3.2547603246720094 | 36.0 | 36.0               | 0.2547603246720094   |
| 1698 | 3.0   | 3.0                | 36.0 | 36.0               | 0.0                  |
| 1699 | 3.0   | 3.0                | 36.0 | 36.0               | 0.0                  |
| 1700 | 3.0   | 3.0                | 36.0 | 36.0               | 0.0                  |
| 1701 | 132.0 | 132.0              | 0.0  | 0.0                | 0.0                  |
| 1702 | 132.0 | 132.0              | 0.0  | 0.0                | 0.0                  |
| 1703 | 132.0 | 132.0              | 0.0  | 0.0                | 0.0                  |
| 1704 | 132.0 | 130.34266555485084 | 0.0  | 0.0                | 1.6573344451491607   |
| 1705 | 132.0 | 130.34266555485084 | 0.0  | 0.0                | 1.6573344451491607   |
| 1706 | 132.0 | 130.34266555485084 | 0.0  | 0.0                | 1.6573344451491607   |
| 1707 | 133.5 | 131.57274823098885 | 0.0  | 0.0                | 1.92725176901115     |
| 1708 | 133.5 | 128.77986922448193 | 0.0  | 0.0                | 4.720130775518072    |
| 1709 | 133.5 | 128.77986922448193 | 0.0  | 0.0                | 4.720130775518072    |
| 1710 | 133.5 | 128.74398677545574 | 0.0  | 0.0                | 4.756013224544262    |
| 1711 | 133.5 | 130.3560866906264  | 0.0  | 0.0                | 3.143913309373602    |
| 1712 | 133.5 | 129.43005424494535 | 0.0  | 0.0                | 4.069945755054647    |
| 1713 | 133.5 | 133.5              | 0.0  | 0.0                | 0.0                  |
| 1714 | 133.5 | 133.5              | 0.0  | 0.0                | 0.0                  |
| 1715 | 133.5 | 134.04661808123834 | 0.0  | 0.0                | 0.5466180812383357   |
| 1716 | 135.0 | 131.9069915031611  | 0.0  | 0.0                | 3.0930084968389053   |
| 1717 | 135.0 | 131.9069915031611  | 0.0  | 0.0                | 3.0930084968389053   |
| 1718 | 135.0 | 130.50145700800329 | 0.0  | 0.0                | 4.498542991996715    |
|      |       |                    |      |                    |                      |

|      |       |                    |      |                    |                     |
|------|-------|--------------------|------|--------------------|---------------------|
| 1719 | 135.0 | 135.0              | 0.0  | 0.0                | 0.0                 |
| 1720 | 135.0 | 135.0              | 0.0  | 0.0                | 0.0                 |
| 1721 | 135.0 | 130.86885245901638 | 0.0  | 0.0                | 4.131147540983619   |
| 1722 | 135.0 | 135.5730749938759  | 0.0  | 0.0                | 0.5730749938759061  |
| 1723 | 135.0 | 139.46694327302407 | 0.0  | 0.0                | 4.4669432730240715  |
| 1724 | 135.0 | 139.46694327302407 | 0.0  | 0.0                | 4.4669432730240715  |
| 1725 | 135.0 | 139.46694327302407 | 0.0  | 0.0                | 4.4669432730240715  |
| 1726 | 135.0 | 139.46694327302407 | 0.0  | 0.0                | 4.4669432730240715  |
| 1727 | 136.5 | 138.78346819802942 | 0.0  | 0.0                | 2.283468198029425   |
| 1728 | 136.5 | 138.78346819802942 | 0.0  | 0.0                | 2.283468198029425   |
| 1729 | 136.5 | 138.78346819802942 | 0.0  | 0.0                | 2.283468198029425   |
| 1730 | 136.5 | 134.9243727306372  | 0.0  | 10.362245306526745 | 10.481351491319964  |
| 1731 | 136.5 | 136.5              | 0.0  | 0.0                | 0.0                 |
| 1732 | 136.5 | 136.5              | 0.0  | 0.0                | 0.0                 |
| 1733 | 136.5 | 137.8073881660613  | 0.0  | 0.0                | 1.307388166061287   |
| 1734 | 136.5 | 138.8513981742079  | 0.0  | 0.0                | 2.351398174207901   |
| 1735 | 136.5 | 138.8513981742079  | 0.0  | 0.0                | 2.351398174207901   |
| 1736 | 136.5 | 138.9444233438186  | 0.0  | 0.0                | 2.444423343818613   |
| 1737 | 136.5 | 138.95881758463872 | 0.0  | 0.0                | 2.458817584638723   |
| 1738 | 136.5 | 138.95881758463872 | 0.0  | 0.0                | 2.458817584638723   |
| 1739 | 136.5 | 138.95881758463872 | 0.0  | 0.0                | 2.458817584638723   |
| 1740 | 136.5 | 139.87891273623157 | 0.0  | 0.0                | 3.3789127362315696  |
| 1741 | 136.5 | 139.87891273623157 | 0.0  | 0.0                | 3.3789127362315696  |
| 1742 | 138.0 | 139.13518185655408 | 0.0  | 0.0                | 1.1351818565540839  |
| 1743 | 138.0 | 139.52706453851494 | 0.0  | 0.0                | 1.527064538514935   |
| 1744 | 138.0 | 139.76369062290522 | 0.0  | 0.0                | 1.7636906229052158  |
| 1745 | 138.0 | 140.1104254367688  | 0.0  | 0.4151145885762383 | 2.150863930101012   |
| 1746 | 138.0 | 140.14771107348648 | 0.0  | 0.4228435927127112 | 2.1889402822084087  |
| 1747 | 138.0 | 140.14771107348648 | 0.0  | 0.4228435927127112 | 2.1889402822084087  |
| 1748 | 138.0 | 140.14771107348648 | 0.0  | 0.4228435927127112 | 2.1889402822084087  |
| 1749 | 138.0 | 139.86197761010453 | 0.0  | 0.0                | 1.8619776101045318  |
| 1750 | 138.0 | 139.86197761010453 | 0.0  | 0.0                | 1.8619776101045318  |
| 1751 | 118.5 | 118.49999999999999 | 12.0 | 13.179608685345386 | 1.1796086853453858  |
| 1752 | 118.5 | 118.5              | 12.0 | 12.215244028375489 | 0.21524402837548884 |
| 1753 | 118.5 | 118.5              | 12.0 | 12.215244028375489 | 0.21524402837548884 |
| 1754 | 118.5 | 118.5              | 12.0 | 12.215244028375489 | 0.21524402837548884 |
| 1755 | 118.5 | 118.5              | 12.0 | 12.0               | 0.0                 |
| 1756 | 118.5 | 118.5              | 10.5 | 11.578784675704576 | 1.0787846757045756  |
| 1757 | 118.5 | 118.50000000000001 | 10.5 | 9.321635843070496  | 1.1783641569295042  |
| 1758 | 118.5 | 118.49999999999999 | 10.5 | 8.804369438279506  | 1.6956305617204936  |
|      |       |                    |      |                    |                     |

|      |       |                    |      |                    |                     |
|------|-------|--------------------|------|--------------------|---------------------|
| 1759 | 118.5 | 118.49999999999999 | 10.5 | 8.804369438279506  | 1.6956305617204936  |
| 1760 | 118.5 | 118.5              | 10.5 | 8.724808961723282  | 1.7751910382767182  |
| 1761 | 118.5 | 118.50000000000001 | 10.5 | 11.227272727272728 | 0.7272727272727284  |
| 1762 | 118.5 | 118.50000000000001 | 10.5 | 11.227272727272728 | 0.7272727272727284  |
| 1763 | 118.5 | 118.5              | 10.5 | 10.5               | 0.0                 |
| 1764 | 118.5 | 118.49999999999999 | 9.0  | 9.405291247106694  | 0.4052912471066943  |
| 1765 | 118.5 | 118.5              | 9.0  | 9.0                | 0.0                 |
| 1766 | 118.5 | 118.5              | 9.0  | 8.419829527179159  | 0.580170472820841   |
| 1767 | 118.5 | 118.50000000000001 | 9.0  | 8.814967164093687  | 0.1850328359063127  |
| 1768 | 118.5 | 118.50000000000001 | 9.0  | 8.814967164093687  | 0.1850328359063127  |
| 1769 | 118.5 | 118.5              | 9.0  | 9.838811836345121  | 0.8388118363451209  |
| 1770 | 118.5 | 118.5              | 9.0  | 8.901657109848061  | 0.09834289015193853 |
| 1771 | 118.5 | 118.5              | 7.5  | 7.4497004648387986 | 0.05029953516120145 |
| 1772 | 118.5 | 118.5              | 7.5  | 7.4497004648387986 | 0.05029953516120145 |
| 1773 | 118.5 | 118.5              | 7.5  | 7.5                | 0.0                 |
| 1774 | 118.5 | 118.5              | 7.5  | 7.5                | 0.0                 |
| 1775 | 118.5 | 118.5              | 7.5  | 7.826647564469914  | 0.32664756446991383 |
| 1776 | 118.5 | 118.5              | 7.5  | 7.826647564469914  | 0.32664756446991383 |
| 1777 | 118.5 | 118.5              | 6.0  | 7.358962264150944  | 1.3589622641509438  |
| 1778 | 118.5 | 118.5              | 6.0  | 7.358962264150944  | 1.3589622641509438  |
| 1779 | 118.5 | 122.59411764705885 | 6.0  | 3.5470588235294125 | 4.772705702553178   |
| 1780 | 118.5 | 118.5              | 6.0  | 6.0                | 0.0                 |
| 1781 | 118.5 | 118.5              | 6.0  | 6.0                | 0.0                 |
| 1782 | 118.5 | 118.50000000000001 | 6.0  | 6.418377311055844  | 0.41837731105584375 |
| 1783 | 118.5 | 118.50000000000001 | 6.0  | 6.418377311055844  | 0.41837731105584375 |
| 1784 | 118.5 | 118.50000000000001 | 6.0  | 6.418377311055844  | 0.41837731105584375 |
| 1785 | 118.5 | 118.5              | 6.0  | 5.204638878243058  | 0.7953611217569421  |
| 1786 | 118.5 | 118.5              | 6.0  | 6.478600528271478  | 0.47860052827147825 |
| 1787 | 118.5 | 118.5              | 4.5  | 6.27668106107341   | 1.7766810610734103  |
| 1788 | 118.5 | 118.5              | 4.5  | 4.5                | 0.0                 |
| 1789 | 118.5 | 118.5              | 4.5  | 4.5                | 0.0                 |
| 1790 | 118.5 | 118.5              | 4.5  | 4.5                | 0.0                 |
| 1791 | 118.5 | 118.5              | 4.5  | 4.5                | 0.0                 |
| 1792 | 118.5 | 118.49999999999999 | 4.5  | 4.169454982046932  | 0.33054501795306823 |
| 1793 | 118.5 | 118.50000000000001 | 3.0  | 3.7173891025229833 | 0.7173891025229833  |
| 1794 | 118.5 | 118.50000000000001 | 3.0  | 3.7173891025229833 | 0.7173891025229833  |
| 1795 | 118.5 | 118.5              | 3.0  | 3.512283904219908  | 0.5122839042199079  |
| 1796 | 118.5 | 119.48051527705853 | 3.0  | 1.912674779906784  | 1.464133307727109   |
| 1797 | 118.5 | 118.5              | 3.0  | 3.0                | 0.0                 |
| 1798 | 118.5 | 118.5              | 3.0  | 3.0                | 0.0                 |
|      |       |                    |      |                    |                     |

|      |       |                    |      |                    |                    |
|------|-------|--------------------|------|--------------------|--------------------|
| 1799 | 118.5 | 118.50000000000001 | 3.0  | 3.840445547527071  | 0.8404455475270711 |
| 1800 | 118.5 | 118.49999999999997 | 3.0  | 4.224458003375307  | 1.2244580033753074 |
| 1801 | 106.5 | 105.74833319638377 | 36.0 | 36.0               | 0.7516668036162315 |
| 1802 | 108.0 | 108.76530983467401 | 36.0 | 36.0               | 0.7653098346740137 |
| 1803 | 108.0 | 109.39242248623592 | 36.0 | 36.000000000000001 | 1.3924224862359154 |
| 1804 | 108.0 | 109.53325076353606 | 36.0 | 36.0               | 1.53325076353606   |
| 1805 | 108.0 | 109.53325076353606 | 36.0 | 36.0               | 1.53325076353606   |
| 1806 | 108.0 | 101.12991626490738 | 36.0 | 36.0               | 6.870083735092621  |
| 1807 | 108.0 | 105.03504413552514 | 36.0 | 36.000000000000001 | 2.9649558644748595 |
| 1808 | 108.0 | 105.03504413552514 | 36.0 | 36.000000000000001 | 2.9649558644748595 |
| 1809 | 108.0 | 108.0              | 36.0 | 36.0               | 0.0                |
| 1810 | 109.5 | 105.91468280356429 | 36.0 | 35.99999999999999  | 3.5853171964357102 |
| 1811 | 109.5 | 101.86363636363637 | 36.0 | 36.0               | 7.636363636363626  |
| 1812 | 109.5 | 109.5              | 36.0 | 36.0               | 0.0                |
| 1813 | 109.5 | 109.5              | 36.0 | 36.0               | 0.0                |
| 1814 | 109.5 | 109.5              | 36.0 | 36.0               | 0.0                |
| 1815 | 109.5 | 107.34634760705289 | 36.0 | 36.0               | 2.1536523929471088 |
| 1816 | 109.5 | 109.5              | 36.0 | 36.0               | 0.0                |
| 1817 | 109.5 | 109.5              | 36.0 | 36.0               | 0.0                |
| 1818 | 111.0 | 111.0              | 36.0 | 36.0               | 0.0                |
| 1819 | 111.0 | 111.0              | 36.0 | 36.0               | 0.0                |
| 1820 | 111.0 | 111.0              | 36.0 | 36.0               | 0.0                |
| 1821 | 111.0 | 111.0              | 36.0 | 36.0               | 0.0                |
| 1822 | 111.0 | 111.0              | 36.0 | 36.0               | 0.0                |
| 1823 | 111.0 | 111.0              | 36.0 | 36.0               | 0.0                |
| 1824 | 112.5 | 111.93123172746917 | 36.0 | 36.0               | 0.5687682725308321 |
| 1825 | 112.5 | 111.93123172746917 | 36.0 | 36.0               | 0.5687682725308321 |
| 1826 | 112.5 | 111.92410436943466 | 36.0 | 36.0               | 0.5758956305653413 |
| 1827 | 112.5 | 111.92410436943466 | 36.0 | 36.0               | 0.5758956305653413 |
| 1828 | 112.5 | 112.5              | 36.0 | 36.0               | 0.0                |
| 1829 | 112.5 | 112.5              | 36.0 | 36.0               | 0.0                |
| 1830 | 112.5 | 112.5              | 36.0 | 36.0               | 0.0                |
| 1831 | 112.5 | 112.5              | 36.0 | 36.0               | 0.0                |
| 1832 | 114.0 | 114.0              | 36.0 | 36.0               | 0.0                |
| 1833 | 114.0 | 114.0              | 36.0 | 36.0               | 0.0                |
| 1834 | 114.0 | 114.0              | 36.0 | 36.0               | 0.0                |
| 1835 | 114.0 | 114.0              | 36.0 | 36.0               | 0.0                |
| 1836 | 114.0 | 110.10929945076441 | 36.0 | 36.000000000000001 | 3.8907005492355893 |
| 1837 | 114.0 | 114.0              | 36.0 | 36.0               | 0.0                |
| 1838 | 114.0 | 114.0              | 36.0 | 36.0               | 0.0                |
|      |       |                    |      |                    |                    |

|      |       |                    |      |                     |                     |
|------|-------|--------------------|------|---------------------|---------------------|
| 1839 | 114.0 | 114.0              | 36.0 | 36.0                | 0.0                 |
| 1840 | 114.0 | 114.0              | 36.0 | 36.0                | 0.0                 |
| 1841 | 114.0 | 114.0              | 36.0 | 36.0                | 0.0                 |
| 1842 | 114.0 | 113.04761904761907 | 36.0 | 36.000000000000001  | 0.9523809523809348  |
| 1843 | 114.0 | 113.04761904761907 | 36.0 | 36.000000000000001  | 0.9523809523809348  |
| 1844 | 114.0 | 113.04761904761907 | 36.0 | 36.000000000000001  | 0.9523809523809348  |
| 1845 | 114.0 | 113.04761904761907 | 36.0 | 36.000000000000001  | 0.9523809523809348  |
| 1846 | 115.5 | 111.73969280517382 | 36.0 | 36.000000000000001  | 3.760307194826183   |
| 1847 | 115.5 | 115.5              | 36.0 | 36.0                | 0.0                 |
| 1848 | 115.5 | 115.5              | 36.0 | 36.0                | 0.0                 |
| 1849 | 115.5 | 114.82590233545646 | 36.0 | 36.0                | 0.6740976645435381  |
| 1850 | 115.5 | 114.82590233545646 | 36.0 | 36.0                | 0.6740976645435381  |
| 1851 | 70.5  | 68.76105996651401  | 0.0  | 0.0                 | 1.7389400334859886  |
| 1852 | 70.5  | 70.86535859269283  | 0.0  | 0.3653585926928282  | 0.5166950769157456  |
| 1853 | 70.5  | 70.86535859269283  | 0.0  | 0.3653585926928282  | 0.5166950769157456  |
| 1854 | 70.5  | 70.86736926555321  | 0.0  | 0.3673692655532055  | 0.519538597744388   |
| 1855 | 72.0  | 71.40823101428771  | 0.0  | 0.7122075377704844  | 0.9259752206771255  |
| 1856 | 72.0  | 71.65645195653718  | 0.0  | 0.42141893331439534 | 0.5437087230521254  |
| 1857 | 72.0  | 71.65645195653718  | 0.0  | 0.42141893331439534 | 0.5437087230521254  |
| 1858 | 72.0  | 71.65645195653718  | 0.0  | 0.42141893331439534 | 0.5437087230521254  |
| 1859 | 72.0  | 72.0               | 0.0  | 0.0                 | 0.0                 |
| 1860 | 72.0  | 72.0               | 0.0  | 0.0                 | 0.0                 |
| 1861 | 72.0  | 72.0               | 0.0  | 0.0                 | 0.0                 |
| 1862 | 72.0  | 71.99999999999999  | 1.5  | 2.03146738496889    | 0.5314673849688898  |
| 1863 | 72.0  | 72.0               | 1.5  | 1.5                 | 0.0                 |
| 1864 | 72.0  | 72.0               | 1.5  | 1.5                 | 0.0                 |
| 1865 | 72.0  | 72.0               | 1.5  | 1.6249841139362018  | 0.12498411393620179 |
| 1866 | 72.0  | 72.0               | 1.5  | 1.6249841139362018  | 0.12498411393620179 |
| 1867 | 72.0  | 72.0               | 1.5  | 1.6249841139362018  | 0.12498411393620179 |
| 1868 | 72.0  | 72.0               | 1.5  | 4.874378123135997   | 3.3743781231359966  |
| 1869 | 72.0  | 72.0               | 1.5  | 4.889269763435386   | 3.3892697634353857  |
| 1870 | 72.0  | 71.99999999999999  | 3.0  | 4.903636363636363   | 1.9036363636363633  |
| 1871 | 72.0  | 71.99999999999999  | 3.0  | 4.903636363636363   | 1.9036363636363633  |
| 1872 | 72.0  | 72.0               | 3.0  | 3.758863125685835   | 0.7588631256858349  |
| 1873 | 72.0  | 72.0               | 3.0  | 3.758863125685835   | 0.7588631256858349  |
| 1874 | 72.0  | 72.0               | 3.0  | 3.758863125685835   | 0.7588631256858349  |
| 1875 | 72.0  | 72.0               | 3.0  | 3.758863125685835   | 0.7588631256858349  |
| 1876 | 72.0  | 72.0               | 3.0  | 3.770480018048954   | 0.7704800180489539  |
| 1877 | 72.0  | 72.0               | 3.0  | 3.770480018048954   | 0.7704800180489539  |
| 1878 | 72.0  | 72.0               | 3.0  | 3.770480018048954   | 0.7704800180489539  |
|      |       |                    |      |                     |                     |

|      |      |                   |      |                    |                      |
|------|------|-------------------|------|--------------------|----------------------|
| 1879 | 72.0 | 72.0              | 3.0  | 3.0                | 0.0                  |
| 1880 | 72.0 | 72.0              | 4.5  | 4.5                | 0.0                  |
| 1881 | 72.0 | 71.99999999999999 | 4.5  | 4.500481798715203  | 4.817987152030412E-4 |
| 1882 | 72.0 | 71.99999999999999 | 4.5  | 4.500481798715203  | 4.817987152030412E-4 |
| 1883 | 72.0 | 72.0              | 4.5  | 4.5                | 0.0                  |
| 1884 | 72.0 | 72.0              | 4.5  | 4.5                | 0.0                  |
| 1885 | 72.0 | 72.0              | 4.5  | 4.5                | 0.0                  |
| 1886 | 72.0 | 72.0              | 6.0  | 4.915132619743963  | 1.0848673802560374   |
| 1887 | 72.0 | 72.0              | 6.0  | 5.975804272476813  | 0.024195727523187216 |
| 1888 | 72.0 | 72.0              | 6.0  | 6.0                | 0.0                  |
| 1889 | 72.0 | 72.0              | 6.0  | 6.0                | 0.0                  |
| 1890 | 72.0 | 72.0              | 6.0  | 6.0                | 0.0                  |
| 1891 | 72.0 | 72.0              | 6.0  | 6.0                | 0.0                  |
| 1892 | 72.0 | 72.0              | 7.5  | 7.5                | 0.0                  |
| 1893 | 72.0 | 72.0              | 7.5  | 7.5                | 0.0                  |
| 1894 | 72.0 | 72.0              | 7.5  | 7.5                | 0.0                  |
| 1895 | 72.0 | 72.0              | 7.5  | 7.5                | 0.0                  |
| 1896 | 72.0 | 72.0              | 7.5  | 7.5                | 0.0                  |
| 1897 | 72.0 | 72.0              | 7.5  | 7.5                | 0.0                  |
| 1898 | 72.0 | 72.00000000000001 | 7.5  | 7.6141772141333055 | 0.1141772141333055   |
| 1899 | 72.0 | 72.00000000000001 | 7.5  | 7.6141772141333055 | 0.1141772141333055   |
| 1900 | 72.0 | 72.0              | 9.0  | 9.0                | 0.0                  |
| 1901 | 78.0 | 78.1025072110051  | 36.0 | 36.00000000000001  | 0.10250721100510418  |
| 1902 | 78.0 | 78.1025072110051  | 36.0 | 36.00000000000001  | 0.10250721100510418  |
| 1903 | 78.0 | 78.1025072110051  | 36.0 | 36.00000000000001  | 0.10250721100510418  |
| 1904 | 78.0 | 78.0              | 36.0 | 36.0               | 0.0                  |
| 1905 | 79.5 | 79.5              | 36.0 | 36.0               | 0.0                  |
| 1906 | 79.5 | 79.90586245772266 | 36.0 | 36.0               | 0.4058624577226624   |
| 1907 | 79.5 | 80.16079295154182 | 36.0 | 35.99999999999999  | 0.660792951541822    |
| 1908 | 79.5 | 80.16079295154182 | 36.0 | 35.99999999999999  | 0.660792951541822    |
| 1909 | 79.5 | 80.16079295154182 | 36.0 | 35.99999999999999  | 0.660792951541822    |
| 1910 | 79.5 | 79.5              | 36.0 | 36.0               | 0.0                  |
| 1911 | 79.5 | 79.5              | 36.0 | 36.0               | 0.0                  |
| 1912 | 79.5 | 79.5              | 36.0 | 36.0               | 0.0                  |
| 1913 | 79.5 | 79.5              | 36.0 | 36.0               | 0.0                  |
| 1914 | 81.0 | 85.80968683850507 | 36.0 | 36.0               | 4.809686838505073    |
| 1915 | 81.0 | 85.80968683850507 | 36.0 | 36.0               | 4.809686838505073    |
| 1916 | 81.0 | 85.80968683850507 | 36.0 | 36.0               | 4.809686838505073    |
| 1917 | 81.0 | 81.0              | 36.0 | 36.0               | 0.0                  |
| 1918 | 81.0 | 81.0              | 36.0 | 36.0               | 0.0                  |
|      |      |                   |      |                    |                      |



|      |       |                    |      |                    |                      |
|------|-------|--------------------|------|--------------------|----------------------|
| 1919 | 81.0  | 81.0               | 36.0 | 36.0               | 0.0                  |
| 1920 | 81.0  | 81.86327711520022  | 36.0 | 36.000000000000001 | 0.8632771152002192   |
| 1921 | 81.0  | 81.0               | 36.0 | 36.0               | 0.0                  |
| 1922 | 81.0  | 80.91939711664482  | 36.0 | 36.000000000000001 | 0.08060288335518351  |
| 1923 | 81.0  | 80.91939711664482  | 36.0 | 36.000000000000001 | 0.08060288335518351  |
| 1924 | 82.5  | 82.58440131421483  | 36.0 | 36.0               | 0.08440131421482988  |
| 1925 | 82.5  | 82.5               | 36.0 | 36.0               | 0.0                  |
| 1926 | 82.5  | 82.5               | 36.0 | 36.0               | 0.0                  |
| 1927 | 82.5  | 82.5               | 36.0 | 36.0               | 0.0                  |
| 1928 | 82.5  | 82.9358753101068   | 36.0 | 36.000000000000001 | 0.4358753101067947   |
| 1929 | 82.5  | 82.9358753101068   | 36.0 | 36.000000000000001 | 0.4358753101067947   |
| 1930 | 82.5  | 82.232000000000001 | 36.0 | 36.000000000000001 | 0.26799999999998647  |
| 1931 | 84.0  | 84.0               | 36.0 | 36.0               | 0.0                  |
| 1932 | 84.0  | 84.0               | 36.0 | 36.0               | 0.0                  |
| 1933 | 84.0  | 84.0               | 36.0 | 36.0               | 0.0                  |
| 1934 | 84.0  | 84.0               | 36.0 | 36.0               | 0.0                  |
| 1935 | 84.0  | 84.0               | 36.0 | 36.0               | 0.0                  |
| 1936 | 84.0  | 84.0               | 36.0 | 36.0               | 0.0                  |
| 1937 | 84.0  | 84.0               | 36.0 | 36.0               | 0.0                  |
| 1938 | 84.0  | 84.0               | 36.0 | 36.0               | 0.0                  |
| 1939 | 85.5  | 86.85616850551654  | 36.0 | 35.999999999999999 | 1.3561685055165356   |
| 1940 | 85.5  | 90.46967633508159  | 36.0 | 36.0               | 4.969676335081587    |
| 1941 | 85.5  | 85.5               | 36.0 | 36.0               | 0.0                  |
| 1942 | 85.5  | 85.5               | 36.0 | 36.0               | 0.0                  |
| 1943 | 85.5  | 89.17870722433462  | 36.0 | 36.0               | 3.678707224334616    |
| 1944 | 85.5  | 89.17870722433462  | 36.0 | 36.0               | 3.678707224334616    |
| 1945 | 87.0  | 88.63186813186813  | 36.0 | 36.0               | 1.6318681318681314   |
| 1946 | 87.0  | 88.63186813186813  | 36.0 | 36.0               | 1.6318681318681314   |
| 1947 | 87.0  | 88.63186813186813  | 36.0 | 36.0               | 1.6318681318681314   |
| 1948 | 87.0  | 88.76557025384342  | 36.0 | 36.0               | 1.7655702538434213   |
| 1949 | 87.0  | 88.76557025384342  | 36.0 | 36.0               | 1.7655702538434213   |
| 1950 | 87.0  | 88.76557025384342  | 36.0 | 36.0               | 1.7655702538434213   |
| 1951 | 127.5 | 127.53006012024048 | 31.5 | 31.5               | 0.030060120240477772 |
| 1952 | 127.5 | 127.5              | 31.5 | 31.5               | 0.0                  |
| 1953 | 127.5 | 127.5              | 31.5 | 31.5               | 0.0                  |
| 1954 | 127.5 | 127.5              | 31.5 | 31.5               | 0.0                  |
| 1955 | 127.5 | 127.28287424245283 | 31.5 | 31.5               | 0.21712575754716568  |
| 1956 | 126.0 | 127.05615083453534 | 31.5 | 31.5               | 1.0561508345353445   |
| 1957 | 126.0 | 127.05615083453534 | 31.5 | 31.5               | 1.0561508345353445   |
| 1958 | 126.0 | 126.0              | 31.5 | 31.5               | 0.0                  |
|      |       |                    |      |                    |                      |

|      |       |                    |      |                    |                      |
|------|-------|--------------------|------|--------------------|----------------------|
| 1959 | 126.0 | 126.0              | 31.5 | 31.5               | 0.0                  |
| 1960 | 126.0 | 126.0              | 31.5 | 31.5               | 0.0                  |
| 1961 | 124.5 | 124.5              | 31.5 | 31.5               | 0.0                  |
| 1962 | 124.5 | 124.5              | 31.5 | 31.5               | 0.0                  |
| 1963 | 124.5 | 124.5              | 31.5 | 31.5               | 0.0                  |
| 1964 | 124.5 | 126.78301200436523 | 31.5 | 31.500000000000004 | 2.283012004365233    |
| 1965 | 124.5 | 126.78301200436523 | 31.5 | 31.500000000000004 | 2.283012004365233    |
| 1966 | 124.5 | 126.31914893617022 | 31.5 | 31.5               | 1.8191489361702224   |
| 1967 | 124.5 | 123.39756171929444 | 31.5 | 31.499999999999996 | 1.102438280705556    |
| 1968 | 124.5 | 123.39756171929444 | 31.5 | 31.499999999999996 | 1.102438280705556    |
| 1969 | 123.0 | 123.0              | 31.5 | 31.5               | 0.0                  |
| 1970 | 123.0 | 123.0              | 31.5 | 31.5               | 0.0                  |
| 1971 | 123.0 | 123.0              | 31.5 | 31.5               | 0.0                  |
| 1972 | 123.0 | 122.82512621843446 | 31.5 | 31.272664083964784 | 0.2868143270455679   |
| 1973 | 123.0 | 122.82512621843446 | 31.5 | 31.272664083964784 | 0.2868143270455679   |
| 1974 | 121.5 | 120.82151907899501 | 31.5 | 31.23542828180436  | 0.7282407254725409   |
| 1975 | 121.5 | 120.82151907899501 | 31.5 | 31.23542828180436  | 0.7282407254725409   |
| 1976 | 121.5 | 121.5              | 31.5 | 31.5               | 0.0                  |
| 1977 | 121.5 | 121.59437756296055 | 31.5 | 31.70857623259295  | 0.2289348579684626   |
| 1978 | 121.5 | 121.59437756296055 | 31.5 | 31.70857623259295  | 0.2289348579684626   |
| 1979 | 121.5 | 121.59437756296055 | 31.5 | 31.70857623259295  | 0.2289348579684626   |
| 1980 | 121.5 | 121.07961027893157 | 31.5 | 31.5               | 0.42038972106843175  |
| 1981 | 120.0 | 121.54826466274233 | 31.5 | 31.32527518180572  | 1.558092496609118    |
| 1982 | 120.0 | 120.0              | 31.5 | 31.5               | 0.0                  |
| 1983 | 120.0 | 120.0              | 31.5 | 31.5               | 0.0                  |
| 1984 | 120.0 | 120.30489338919443 | 31.5 | 31.272951731450966 | 0.38014588650356596  |
| 1985 | 120.0 | 120.30489338919443 | 31.5 | 31.272951731450966 | 0.38014588650356596  |
| 1986 | 120.0 | 120.30489338919443 | 31.5 | 31.272951731450966 | 0.38014588650356596  |
| 1987 | 120.0 | 120.56573817801677 | 31.5 | 30.933078987726923 | 0.80091143094756     |
| 1988 | 0.0   | 0.0                | 7.5  | 7.5                | 0.0                  |
| 1989 | 0.0   | 0.0                | 7.5  | 8.77200374531835   | 1.2720037453183508   |
| 1990 | 0.0   | 0.0                | 7.5  | 8.77200374531835   | 1.2720037453183508   |
| 1991 | 0.0   | 0.0                | 7.5  | 8.77200374531835   | 1.2720037453183508   |
| 1992 | 0.0   | 0.0                | 7.5  | 7.5                | 0.0                  |
| 1993 | 0.0   | 0.0                | 9.0  | 9.049433573635431  | 0.049433573635431216 |
| 1994 | 0.0   | 0.0                | 9.0  | 9.18369996091787   | 0.18369996091787044  |
| 1995 | 0.0   | 0.0                | 9.0  | 9.18369996091787   | 0.18369996091787044  |
| 1996 | 0.0   | 0.0                | 9.0  | 9.10502039230919   | 0.10502039230918925  |
| 1997 | 0.0   | 0.0                | 9.0  | 11.477035659325423 | 2.4770356593254235   |
| 1998 | 0.0   | 0.0                | 9.0  | 9.988622183072744  | 0.988622183072744    |
|      |       |                    |      |                    |                      |

|      |      |      |      |                    |                      |
|------|------|------|------|--------------------|----------------------|
| 1999 | 0.0  | 0.0  | 10.5 | 10.388322050791688 | 0.1116779492083122   |
| 2000 | 0.0  | 0.0  | 10.5 | 10.669268592501538 | 0.16926859250153825  |
| 2001 | 0.0  | 0.0  | 10.5 | 11.172355486142163 | 0.6723554861421626   |
| 2002 | 0.0  | 0.0  | 10.5 | 11.172355486142163 | 0.6723554861421626   |
| 2003 | 0.0  | 0.0  | 10.5 | 11.172355486142163 | 0.6723554861421626   |
| 2004 | 0.0  | 0.0  | 10.5 | 11.172355486142163 | 0.6723554861421626   |
| 2005 | 0.0  | 0.0  | 10.5 | 11.172355486142163 | 0.6723554861421626   |
| 2006 | 0.0  | 0.0  | 10.5 | 10.746232402071634 | 0.24623240207163377  |
| 2007 | 0.0  | 0.0  | 12.0 | 12.164421813403415 | 0.16442181340341477  |
| 2008 | 0.0  | 0.0  | 12.0 | 12.164421813403415 | 0.16442181340341477  |
| 2009 | 0.0  | 0.0  | 12.0 | 12.020438631948158 | 0.020438631948158203 |
| 2010 | 0.0  | 0.0  | 12.0 | 11.38176000485779  | 0.6182399951422095   |
| 2011 | 0.0  | 0.0  | 12.0 | 11.38176000485779  | 0.6182399951422095   |
| 2012 | 0.0  | 0.0  | 12.0 | 11.38176000485779  | 0.6182399951422095   |
| 2013 | 0.0  | 0.0  | 12.0 | 11.38176000485779  | 0.6182399951422095   |
| 2014 | 0.0  | 0.0  | 12.0 | 11.38176000485779  | 0.6182399951422095   |
| 2015 | 0.0  | 0.0  | 13.5 | 13.5               | 0.0                  |
| 2016 | 0.0  | 0.0  | 13.5 | 7.3077073220408035 | 6.1922926779591965   |
| 2017 | 0.0  | 0.0  | 13.5 | 13.5               | 0.0                  |
| 2018 | 0.0  | 0.0  | 13.5 | 13.5               | 0.0                  |
| 2019 | 0.0  | 0.0  | 13.5 | 13.5               | 0.0                  |
| 2020 | 0.0  | 0.0  | 13.5 | 13.5               | 0.0                  |
| 2021 | 0.0  | 0.0  | 13.5 | 13.5               | 0.0                  |
| 2022 | 0.0  | 0.0  | 13.5 | 13.34614142038756  | 0.15385857961243943  |
| 2023 | 0.0  | 0.0  | 13.5 | 12.20495036192098  | 1.2950496380790195   |
| 2024 | 0.0  | 0.0  | 13.5 | 12.20495036192098  | 1.2950496380790195   |
| 2025 | 0.0  | 0.0  | 13.5 | 12.20495036192098  | 1.2950496380790195   |
| 2026 | 0.0  | 0.0  | 13.5 | 12.20495036192098  | 1.2950496380790195   |
| 2027 | 0.0  | 0.0  | 13.5 | 12.20495036192098  | 1.2950496380790195   |
| 2028 | 0.0  | 0.0  | 15.0 | 14.513629007361539 | 0.4863709926384612   |
| 2029 | 0.0  | 0.0  | 15.0 | 14.513629007361539 | 0.4863709926384612   |
| 2030 | 0.0  | 0.0  | 15.0 | 14.513629007361539 | 0.4863709926384612   |
| 2031 | 0.0  | 0.0  | 15.0 | 14.459128196563482 | 0.5408718034365183   |
| 2032 | 0.0  | 0.0  | 15.0 | 15.0               | 0.0                  |
| 2033 | 0.0  | 0.0  | 15.0 | 15.0               | 0.0                  |
| 2034 | 0.0  | 0.0  | 15.0 | 15.0               | 0.0                  |
| 2035 | 0.0  | 0.0  | 15.0 | 15.0               | 0.0                  |
| 2036 | 0.0  | 0.0  | 15.0 | 15.0               | 0.0                  |
| 2037 | 0.0  | 0.0  | 16.5 | 16.5               | 0.0                  |
| 2038 | 19.5 | 19.5 | 36.0 | 36.0               | 0.0                  |
|      |      |      |      |                    |                      |

|      |      |                    |      |                     |                     |
|------|------|--------------------|------|---------------------|---------------------|
| 2039 | 19.5 | 19.5               | 36.0 | 36.0                | 0.0                 |
| 2040 | 19.5 | 21.256097560975608 | 36.0 | 36.000000000000001  | 1.7560975609756078  |
| 2041 | 21.0 | 19.5               | 36.0 | 36.0                | 1.5                 |
| 2042 | 21.0 | 21.0               | 36.0 | 36.0                | 0.0                 |
| 2043 | 21.0 | 21.0               | 36.0 | 36.0                | 0.0                 |
| 2044 | 21.0 | 21.0               | 36.0 | 36.0                | 0.0                 |
| 2045 | 21.0 | 18.82796412968117  | 36.0 | 35.999999999999999  | 2.1720358703188296  |
| 2046 | 21.0 | 18.82522604317244  | 36.0 | 35.999999999999999  | 2.1747739568275612  |
| 2047 | 21.0 | 18.822672690524314 | 36.0 | 36.0                | 2.177327309475686   |
| 2048 | 21.0 | 19.2979158925908   | 36.0 | 35.999999999999999  | 1.702084107409199   |
| 2049 | 22.5 | 22.32590600888473  | 36.0 | 36.0                | 0.1740939911152708  |
| 2050 | 22.5 | 22.327089880578253 | 36.0 | 36.0                | 0.17291011942174705 |
| 2051 | 22.5 | 22.141838242316915 | 36.0 | 36.000000000000001  | 0.3581617576830851  |
| 2052 | 22.5 | 22.5               | 36.0 | 36.0                | 0.0                 |
| 2053 | 22.5 | 22.5               | 36.0 | 36.0                | 0.0                 |
| 2054 | 22.5 | 22.5               | 36.0 | 36.0                | 0.0                 |
| 2055 | 22.5 | 22.5               | 36.0 | 36.0                | 0.0                 |
| 2056 | 22.5 | 22.17417560680459  | 36.0 | 36.0                | 0.32582439319541123 |
| 2057 | 22.5 | 22.128991022058383 | 36.0 | 36.0                | 0.37100897794161725 |
| 2058 | 22.5 | 22.129801986382667 | 36.0 | 36.0000000000000014 | 0.3701980136173333  |
| 2059 | 22.5 | 22.545193687230988 | 36.0 | 35.999999999999999  | 0.04519368723098793 |
| 2060 | 22.5 | 22.545193687230988 | 36.0 | 35.999999999999999  | 0.04519368723098793 |
| 2061 | 22.5 | 22.597922848664684 | 36.0 | 35.999999999999999  | 0.09792284866468393 |
| 2062 | 24.0 | 23.101442637966567 | 36.0 | 35.999999999999999  | 0.8985573620334328  |
| 2063 | 24.0 | 21.35440087743351  | 36.0 | 36.000000000000001  | 2.645599122566491   |
| 2064 | 24.0 | 21.281761393630127 | 36.0 | 36.000000000000001  | 2.718238606369873   |
| 2065 | 24.0 | 21.21172035735491  | 36.0 | 36.0                | 2.78827964264509    |
| 2066 | 24.0 | 21.21172035735491  | 36.0 | 36.0                | 2.78827964264509    |
| 2067 | 24.0 | 20.248185112599913 | 36.0 | 36.0                | 3.751814887400087   |
| 2068 | 24.0 | 20.117264886444953 | 36.0 | 35.999999999999999  | 3.8827351135550465  |
| 2069 | 24.0 | 20.068609749806548 | 36.0 | 36.0                | 3.931390250193452   |
| 2070 | 24.0 | 20.068609749806548 | 36.0 | 36.0                | 3.931390250193452   |
| 2071 | 25.5 | 19.640054654629942 | 36.0 | 36.0                | 5.859945345370058   |
| 2072 | 25.5 | 24.549963444258395 | 36.0 | 36.0                | 0.9500365557416046  |
| 2073 | 25.5 | 24.951969553864107 | 36.0 | 36.0                | 0.5480304461358934  |
| 2074 | 25.5 | 25.5               | 36.0 | 36.0                | 0.0                 |
| 2075 | 25.5 | 25.5               | 36.0 | 36.0                | 0.0                 |
| 2076 | 25.5 | 22.096118664131723 | 36.0 | 36.0                | 3.4038813358682773  |
| 2077 | 25.5 | 25.5               | 36.0 | 36.0                | 0.0                 |
| 2078 | 25.5 | 25.5               | 36.0 | 36.0                | 0.0                 |
|      |      |                    |      |                     |                     |

|      |       |                     |      |                    |                     |
|------|-------|---------------------|------|--------------------|---------------------|
| 2079 | 25.5  | 25.5                | 36.0 | 36.0               | 0.0                 |
| 2080 | 25.5  | 25.5                | 36.0 | 36.0               | 0.0                 |
| 2081 | 27.0  | 28.452371180179842  | 36.0 | 36.0               | 1.452371180179842   |
| 2082 | 27.0  | 28.452371180179842  | 36.0 | 36.0               | 1.452371180179842   |
| 2083 | 27.0  | 28.452371180179842  | 36.0 | 36.0               | 1.452371180179842   |
| 2084 | 27.0  | 27.563959955506128  | 36.0 | 36.000000000000001 | 0.5639599555061281  |
| 2085 | 27.0  | 27.563959955506128  | 36.0 | 36.000000000000001 | 0.5639599555061281  |
| 2086 | 27.0  | 27.563959955506128  | 36.0 | 36.000000000000001 | 0.5639599555061281  |
| 2087 | 27.0  | 27.563959955506128  | 36.0 | 36.000000000000001 | 0.5639599555061281  |
| 2088 | 144.0 | 144.0               | 21.0 | 21.994666627754697 | 0.9946666277546967  |
| 2089 | 144.0 | 144.0               | 21.0 | 21.994666627754697 | 0.9946666277546967  |
| 2090 | 144.0 | 144.0               | 21.0 | 19.77472852015085  | 1.2252714798491517  |
| 2091 | 144.0 | 144.0               | 21.0 | 19.77472852015085  | 1.2252714798491517  |
| 2092 | 144.0 | 144.0               | 21.0 | 20.410769474601793 | 0.5892305253982073  |
| 2093 | 144.0 | 144.000000000000003 | 21.0 | 20.899171988433    | 0.10082801156699972 |
| 2094 | 144.0 | 144.000000000000003 | 21.0 | 20.899171988433    | 0.10082801156699972 |
| 2095 | 144.0 | 144.0               | 22.5 | 22.440684086667208 | 0.05931591333279229 |
| 2096 | 144.0 | 144.0               | 22.5 | 22.440684086667208 | 0.05931591333279229 |
| 2097 | 144.0 | 144.0               | 22.5 | 22.440684086667208 | 0.05931591333279229 |
| 2098 | 144.0 | 144.0               | 22.5 | 23.938456231484103 | 1.4384562314841034  |
| 2099 | 144.0 | 144.0               | 22.5 | 25.316862199244387 | 2.8168621992443867  |
| 2100 | 144.0 | 144.0               | 22.5 | 25.316862199244387 | 2.8168621992443867  |
| 2101 | 144.0 | 144.0               | 22.5 | 22.5               | 0.0                 |
| 2102 | 144.0 | 144.0               | 22.5 | 22.692740238554418 | 0.1927402385544177  |
| 2103 | 144.0 | 144.0               | 22.5 | 23.989936679170064 | 1.4899366791700643  |
| 2104 | 144.0 | 144.0               | 24.0 | 24.78250501749181  | 0.7825050174918111  |
| 2105 | 144.0 | 144.0               | 24.0 | 24.0               | 0.0                 |
| 2106 | 144.0 | 144.0               | 24.0 | 24.0               | 0.0                 |
| 2107 | 144.0 | 144.0               | 24.0 | 24.772591307174466 | 0.7725913071744657  |
| 2108 | 144.0 | 144.0               | 24.0 | 24.772591307174466 | 0.7725913071744657  |
| 2109 | 144.0 | 144.0               | 24.0 | 24.772591307174466 | 0.7725913071744657  |
| 2110 | 144.0 | 144.0               | 24.0 | 26.334802491995426 | 2.3348024919954256  |
| 2111 | 144.0 | 144.0               | 24.0 | 26.808741216917827 | 2.808741216917827   |
| 2112 | 144.0 | 144.0               | 24.0 | 26.808741216917827 | 2.808741216917827   |
| 2113 | 144.0 | 144.0               | 24.0 | 26.808741216917827 | 2.808741216917827   |
| 2114 | 144.0 | 144.0               | 24.0 | 25.8402222879879   | 1.840222287987899   |
| 2115 | 144.0 | 144.0               | 24.0 | 26.79280307026161  | 2.792803070261609   |
| 2116 | 144.0 | 144.0               | 24.0 | 26.79280307026161  | 2.792803070261609   |
| 2117 | 144.0 | 144.0               | 25.5 | 25.5               | 0.0                 |
| 2118 | 144.0 | 144.0               | 25.5 | 26.5515692398185   | 1.0515692398185017  |
|      |       |                     |      |                    |                     |

|      |       |                     |      |                    |                     |
|------|-------|---------------------|------|--------------------|---------------------|
| 2119 | 144.0 | 144.0               | 25.5 | 25.5               | 0.0                 |
| 2120 | 144.0 | 144.000000000000003 | 25.5 | 27.13617118734294  | 1.6361711873429385  |
| 2121 | 144.0 | 144.000000000000003 | 25.5 | 27.13617118734294  | 1.6361711873429385  |
| 2122 | 144.0 | 144.0               | 25.5 | 26.72506522794648  | 1.2250652279464802  |
| 2123 | 144.0 | 144.0               | 25.5 | 26.72506522794648  | 1.2250652279464802  |
| 2124 | 144.0 | 144.0               | 27.0 | 27.13743050198933  | 0.1374305019893285  |
| 2125 | 144.0 | 144.0               | 27.0 | 27.13743050198933  | 0.1374305019893285  |
| 2126 | 144.0 | 144.0               | 27.0 | 27.0               | 0.0                 |
| 2127 | 144.0 | 144.0               | 27.0 | 27.097679667308583 | 0.09767966730858291 |
| 2128 | 144.0 | 144.0               | 27.0 | 27.097679667308583 | 0.09767966730858291 |
| 2129 | 144.0 | 144.0               | 27.0 | 27.050974441652045 | 0.05097444165204479 |
| 2130 | 144.0 | 144.0               | 27.0 | 27.050974441652045 | 0.05097444165204479 |
| 2131 | 144.0 | 144.0               | 27.0 | 27.360343282553252 | 0.3603432825532522  |
| 2132 | 144.0 | 144.0               | 28.5 | 27.433613296529735 | 1.0663867034702648  |
| 2133 | 144.0 | 144.0               | 28.5 | 27.433613296529735 | 1.0663867034702648  |
| 2134 | 144.0 | 144.0               | 28.5 | 28.5               | 0.0                 |
| 2135 | 144.0 | 144.0               | 28.5 | 28.5               | 0.0                 |
| 2136 | 144.0 | 144.0               | 28.5 | 28.638129483868056 | 0.138129483868056   |
| 2137 | 144.0 | 144.0               | 28.5 | 28.638129483868056 | 0.138129483868056   |

The precision within 2m :1842 / 2137=0.8619560131024802 The average distance :1879.8647298822702 / 2137=0.8796746513253487