# Geophysical Survey Report

**AGES Archaeological & Historical Association**

**The Hadleigh Essex Enclosure**

**National Grid Ref: TQ 807 869**

**Techniques: Resistivity survey**

**June 2018**

**A Geophysical Survey of the Hadleigh Essex Enclosure**


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## 1 Summary of Results

AGES Archaeological & Historical Association (AGES AHA) was given permission by the landowner, The Salvation Army, to undertake a resistivity survey over the area of the scheduled monument in their field to the south of Homestead Way, Hadleigh Essex. A licence under section 42 of the Ancient Monuments and Archaeological Areas Act 1979 was issued by Historic England.

The survey appears to confirm the existence of a double ditched enclosure, the full location and extent of which could be determined by further geophysical survey.

## 2 Introduction

### 2.1 Background

The site (Scheduled Monument List Entry Number: 1002171 (Roman Fort near Hadleigh)) was scheduled after appearing in an aerial photograph in 1949 which initially indicated it might be a Roman fort. A small excavation in 1951 does not seem to have produced much specific further evidence. The Essex County Council heritage record SMR number 9536 currently still records it as a Roman fort, but includes references to it being a possible Roman signal station. Little evidence exists of any excavation to confirm that the site is either Roman or a fortlet and some have passed the opinion that it may be a Pre Roman Iron Age stock enclosure.
With the local community archaeology club, AGES AHA, having recently obtained Lottery funded resistivity equipment and associated training, there appeared to be an opportunity to further that training on a little investigated scheduled site of great interest to the local community.

### 2.2 Site location

The site is located in a field south of Homestead Gardens, Hadleigh, Essex at Ordnance Survey Reference TQ 807 869.

### 2.3 Description of site

The survey area comprises 0.2ha of level grassland left undisturbed amid cultivated fields.

### 2.4 Geology and soils

There are no excavation details known of at this site, but approximately 60m to the north, now within a garden, the natural clay was found approximately 25cm below the current ground level.

## 2.5 Site history and archaeological potential

The field has probably been ploughed over hundreds of years (including at the time of the 1847 tithe assessment) until scheduled as a monument.

In 1951, 2 small test pits were dug and the results were recorded on an old copy of the Ordnance Survey card, which only survives as an NMR fiche. (RCHM NMR Archive, London). The Historic England Pastscape website indicates that the site was visited and nothing visible found on the ground except a sherd of greyware. A further sherd and two pieces of iron were found in an area of dark patch, on air photographs, west of the fort. (This was thought to be a possible rubbish pit). (F1 DG 06-SEP-51).

The Historic England Pastscape website also indicates that the cropmarks describe a small Roman Fort defended by two ditches set far apart and so arranged that the entrance is staggered, the internal area being about 200 ft. square. A cropmark of a rectangular ditch was observed during field walking 150 yards immediately west of fort. (Letter (L Helliwell Curator Prittlewell Priory Museum Southend-on-Sea).

Within about 200m to the northwest, the Essex County heritage record SMR Number 9799 indicates that an excavation by Essex County Council in 1986 revealed a linear feature, possibly enclosure ditch containing large amounts of early Iron Age pottery (parallels Orsett) and daub (N. Brown). This was taken to be a domestic settlement dated to the Early Iron Age.

A single sherd of Roman pottery was found by AGES AHA when fieldwalking the field to the south of the site in 2003 and, in 2017, a single piece of Roman roof tile (tegula) found by AGES AHA when fieldwalking the adjacent area of the field to the east.

## 2.6 Survey objectives

This was a trial survey to establish that the location of enclosure ditches to an unexcavated feature revealed by aerial photography over 50 years ago could be confirmed by resistivity survey.

## 2.7 Survey methods

Resistivity survey. More information regarding this technique is included in the Methodology section below.

## 3 Methodology

### 3.1 Date of Fieldwork

The fieldwork was carried out over 4 sessions between 16th April 2018 and 11th May 2018 Weather conditions during the survey were generally dry (following a week of heavy rain). High temperatures during this period seemed to be significantly drying out the ground.

### 3.2 Grid location

The location was only determined from open source maps and mobile phone gps and did not have the accuracy of professional gps systems. The location of the survey grids has been plotted in Appendix A, together with the referencing information. The location of the survey grids is based on the Ordnance Survey National Grid, see Figure 2.

### 3.3 Survey equipment

The cutting and subsequent silting or backfilling of a ditch may result in the retention of moisture increasing the conductivity of the soil and the presence of stone or other masonry increasing the resistivity. A TR Systems Ltd twin probe Mk2 TR Resistance Meter resistance meter was used with a probe spacing of 0.5m.

### 3.4 Sampling interval and data capture

Sampling was at 1m intervals along traverses 1m apart. This equates to 2,400 sampling points in a full 60m x 40m grid.

The readings were logged consecutively via bluetooth into a portable tablet computer whilst on site. At the end of the survey, data was transferred to a home desktop computer for processing and presentation. Due to a temporary problem in the field with the recording of readings into the tablet, manual readings were taken for part of the survey.

### 3.5 Processing, presentation of results and interpretation

Processing was performed using software known as Snuffler.

## 4 Results

The detailed on site readings are in Appendix B.

The resulting plot (through Snuffler software) contains a number of strong responses. The shape of the anomalies does not seem to be consistent with modern agriculture or geological features and thus may represent features of potential archaeological significance.

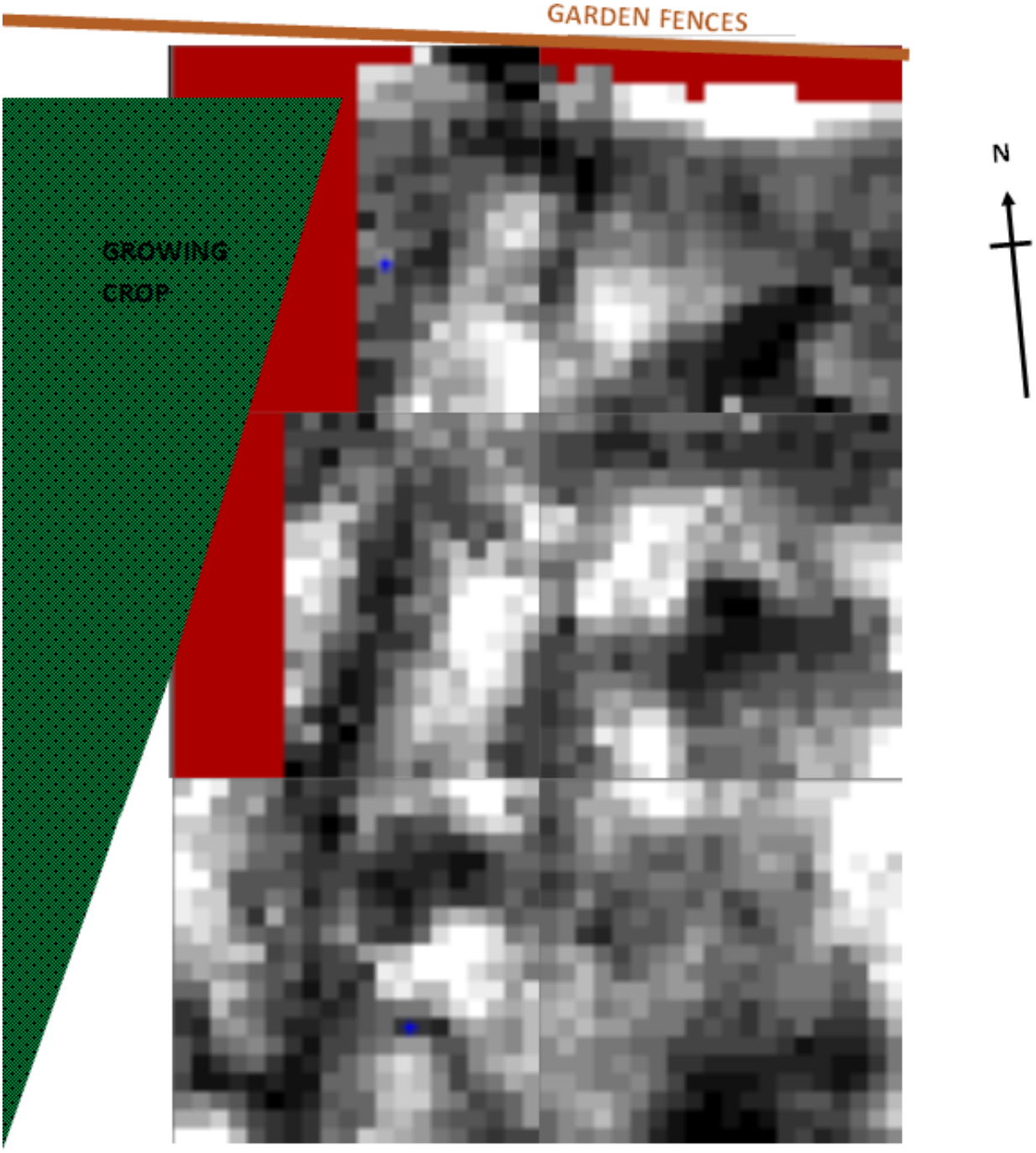


Figure 1 – Results Plot

## 5 Conclusions

Interpretation (through Snuffler software) gives the following image which may be compared with the aerial photograph from 1949.

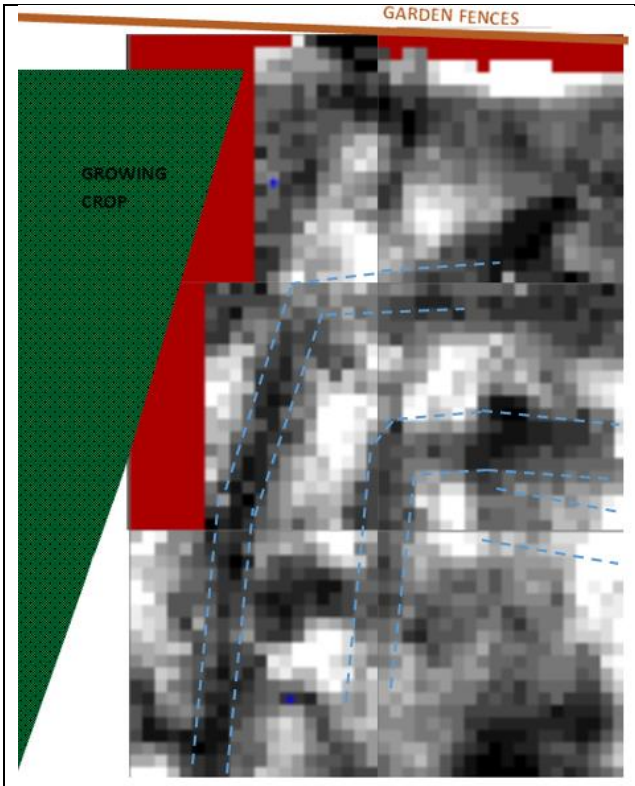


Figure 2 – Results Interpretation
(Dashed blue line interpretation by AGES AHA)

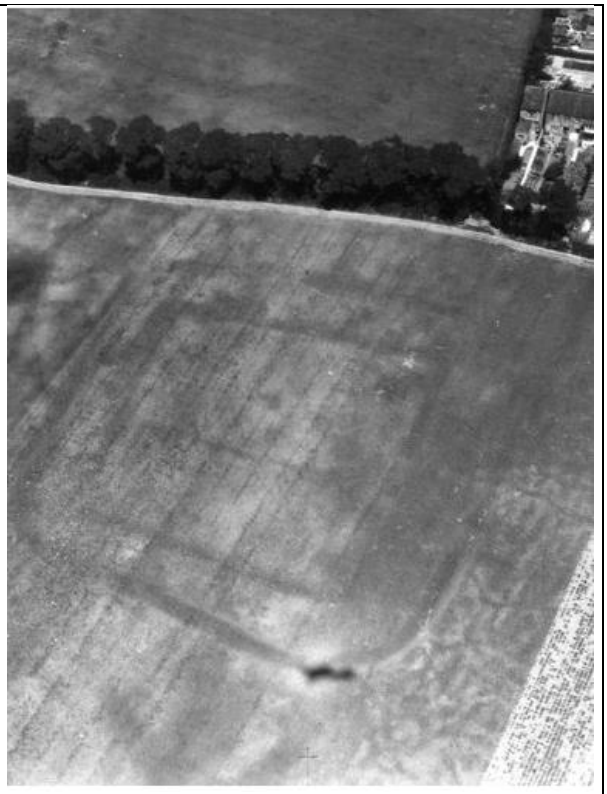

Figure 3 – 1949 Aerial photograph of site (Cambridge University Collection of Aerial Photography © copyright reserved)


Figure 4 – Aerial Photograph Interpretation (from AGES Project Hadleigh 2003 Fieldwalking Report)

**Conclusions**

The survey results appear to confirm the existence of a double ditched enclosure with its northwest corner approximately 20m from the back garden fences in Homestead Gardens.

This area of resistivity results overlies the north west corner of the scheduled site. This seems to show the possible existence and location of a double ditch.

From the results, if they are ditches, they are about 3 to 5m wide and about 8 to 10m apart.

# 6 References

Spracklen J W/2003/Project Hadleigh Fieldwalking Report.

**Appendix A – Grid Locations**


Figure 5 - Site plan showing location of grids and referencing

The starting point of the main grid [0,0] is 60m grid south of where the boundaries to 71 and 73 Homestead Gardens meet on their rear fences.

Only grids G1 to G6 were completed within the survey period. These proved sufficient to indicate an underlying feature.

All grids were walked from south to north and from west to east.

Inaccessible areas were recorded as null readings, shown in the final plots as red squares.

## Appendix B – Detailed readings

### Grid G1:

| | | | | | | |
|---|---|---|---|---|---|---|
| 0,0,79.734 | 1,0,81.363 | 2,0,83.304 | 3,0,73.220 | 4,0,65.359 | 5,0,63.418 | 6,0,61.758 |
| 0,1,72.218 | 1,1,72.375 | 2,1,74.128 | 3,1,68.147 | 4,1,64.107 | 5,1,63.700 | 6,1,61.288 |
| 0,2,67.865 | 1,2,69.493 | 2,2,66.706 | 3,2,65.391 | 4,2,61.695 | 5,2,59.754 | 6,2,60.536 |
| 0,3,64.232 | 1,3,60.443 | 2,3,61.038 | 3,3,61.382 | 4,3,61.163 | 5,3,61.539 | 6,3,60.411 |
| 0,4,65.297 | 1,4,60.129 | 2,4,63.418 | 3,4,65.767 | 4,4,67.364 | 5,4,62.791 | 6,4,60.630 |
| 0,5,65.203 | 1,5,62.635 | 2,5,67.426 | 3,5,68.241 | 4,5,69.525 | 5,5,66.769 | 6,5,63.261 |
| 0,6,63.449 | 1,6,62.416 | 2,6,69.744 | 3,6,70.527 | 4,6,68.491 | 5,6,64.389 | 6,6,62.447 |
| 0,7,62.635 | 1,7,64.952 | 2,7,73.533 | 3,7,68.773 | 4,7,67.270 | 5,7,64.764 | 6,7,64.890 |
| 0,8,66.800 | 1,8,67.051 | 2,8,74.410 | 3,8,73.126 | 4,8,68.773 | 5,8,65.516 | 6,8,63.261 |
| 0,9,69.493 | 1,9,72.030 | 2,9,71.122 | 3,9,69.431 | 4,9,66.925 | 5,9,65.860 | 6,9,66.549 |
| 0,10,72.218 | 1,10,71.592 | 2,10,73.878 | 3,10,74.911 | 4,10,73.408 | 5,10,64.890 | 6,10,65.172 |
| 0,11,73.095 | 1,11,75.882 | 2,11,73.471 | 3,11,69.932 | 4,11,66.894 | 5,11,65.547 | 6,11,66.487 |
| 0,12,77.010 | 1,12,76.070 | 2,12,74.849 | 3,12,68.585 | 4,12,62.666 | 5,12,71.466 | 6,12,65.109 |
| 0,13,76.571 | 1,13,74.191 | 2,13,73.972 | 3,13,65.735 | 4,13,65.265 | 5,13,67.959 | 6,13,66.800 |
| 0,14,79.859 | 1,14,78.325 | 2,14,71.842 | 3,14,66.017 | 4,14,65.923 | 5,14,66.048 | 6,14,65.673 |
| 0,15,78.983 | 1,15,74.692 | 2,15,72.876 | 3,15,70.245 | 4,15,67.207 | 5,15,66.737 | 6,15,63.950 |
| 0,16,75.224 | 1,16,73.377 | 2,16,73.126 | 3,16,72.437 | 4,16,68.710 | 5,16,67.113 | 6,16,67.364 |
| 0,17,74.598 | 1,17,75.005 | 2,17,72.594 | 3,17,70.402 | 4,17,66.424 | 5,17,65.453 | 6,17,64.733 |
| 0,18,79.327 | 1,18,78.575 | 2,18,70.997 | 3,18,68.898 | 4,18,71.404 | 5,18,65.516 | 6,18,62.510 |
| 0,19,72.970 | 1,19,80.768 | 2,19,76.790 | 3,19,69.932 | 4,19,68.836 | 5,19,68.021 | 6,19,62.384 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 7,0,63.292 | 8,0,68.053 | 9,0,66.456 | 10,0,74.285 | 11,0,72.782 | 12,0,71.717 | 13,0,70.871 |
| 7,1,63.042 | 8,1,67.395 | 9,1,65.359 | 10,1,66.957 | 11,1,71.560 | 12,1,72.876 | 13,1,70.809 |
| 7,2,61.789 | 8,2,65.673 | 9,2,67.364 | 10,2,66.487 | 11,2,73.659 | 12,2,74.880 | 13,2,74.629 |
| 7,3,61.069 | 8,3,66.393 | 9,3,67.489 | 10,3,70.088 | 11,3,71.936 | 12,3,74.723 | 13,3,73.565 |
| 7,4,61.789 | 8,4,64.451 | 9,4,66.456 | 10,4,69.963 | 11,4,72.688 | 12,4,75.256 | 13,4,73.502 |
| 7,5,60.505 | 8,5,63.981 | 9,5,64.545 | 10,5,66.518 | 11,5,68.804 | 12,5,70.339 | 13,5,70.871 |
| 7,6,61.914 | 8,6,63.198 | 9,6,64.827 | 10,6,65.046 | 11,6,66.863 | 12,6,62.823 | 13,6,63.355 |
| 7,7,62.823 | 8,7,61.946 | 9,7,63.261 | 10,7,65.767 | 11,7,67.489 | 12,7,68.460 | 13,7,68.115 |
| 7,8,60.724 | 8,8,64.576 | 9,8,62.228 | 10,8,66.205 | 11,8,74.066 | 12,8,77.479 | 13,8,72.907 |
| 7,9,61.977 | 8,9,64.921 | 9,9,64.483 | 10,9,63.105 | 11,9,76.571 | 12,9,76.070 | 13,9,82.146 |
| 7,10,63.042 | 8,10,63.887 | 9,10,65.485 | 10,10,70.433 | 11,10,72.155 | 12,10,72.782 | 13,10,78.544 |
| 7,11,64.796 | 8,11,67.614 | 9,11,70.683 | 10,11,64.984 | 11,11,63.543 | 12,11,63.011 | 13,11,66.863 |
| 7,12,64.138 | 8,12,65.234 | 9,12,68.241 | 10,12,63.981 | 11,12,63.981 | 12,12,61.288 | 13,12,64.764 |
| 7,13,62.416 | 8,13,64.389 | 9,13,67.395 | 10,13,63.011 | 11,13,61.445 | 12,13,60.881 | 13,13,63.731 |
| 7,14,63.480 | 8,14,64.702 | 9,14,64.764 | 10,14,62.259 | 11,14,60.411 | 12,14,61.507 | 13,14,61.413 |
| 7,15,63.230 | 8,15,63.073 | 9,15,64.232 | 10,15,64.483 | 11,15,62.635 | 12,15,63.042 | 13,15,61.977 |
| 7,16,62.760 | 8,16,60.975 | 9,16,65.798 | 10,16,68.178 | 11,16,65.109 | 12,16,62.697 | 13,16,64.733 |
| 7,17,61.601 | 8,17,58.689 | 9,17,62.259 | 10,17,70.777 | 11,17,65.109 | 12,17,64.764 | 13,17,65.078 |
| 7,18,63.261 | 8,18,62.008 | 9,18,66.456 | 10,18,70.934 | 11,18,70.746 | 12,18,73.189 | 13,18,70.652 |
| 7,19,64.107 | 8,19,63.668 | 9,19,63.637 | 10,19,68.021 | 11,19,69.305 | 12,19,70.433 | 13,19,71.278 |

**Grid G1 continued:**

| | | | | | |
|---|---|---|---|---|---|
| 14,0,68.303 | 15,0,66.549 | 16,0,64.263 | 17,0,62.729 | 18,0,64.013 | 19,0,64.107 |
| 14,1,67.332 | 15,1,65.641 | 16,1,65.986 | 17,1,64.232 | 18,1,66.925 | 19,1,70.151 |
| 14,2,69.024 | 15,2,68.303 | 16,2,64.702 | 17,2,65.641 | 18,2,67.238 | 19,2,70.151 |
| 14,3,68.867 | 15,3,63.887 | 16,3,66.737 | 17,3,68.491 | 18,3,71.529 | 19,3,71.122 |
| 14,4,68.366 | 15,4,64.764 | 16,4,69.619 | 17,4,71.780 | 18,4,72.876 | 19,4,74.849 |
| 14,5,65.673 | 15,5,65.297 | 16,5,69.118 | 17,5,70.777 | 18,5,69.963 | 19,5,73.753 |
| 14,6,61.413 | 15,6,69.744 | 16,6,72.469 | 17,6,70.965 | 18,6,70.088 | 19,6,72.970 |
| 14,7,71.999 | 15,7,76.007 | 16,7,79.108 | 17,7,72.844 | 18,7,71.529 | 19,7,73.721 |
| 14,8,73.878 | 15,8,81.989 | 16,8,77.511 | 17,8,77.072 | 18,8,71.059 | 19,8,75.757 |
| 14,9,84.025 | 15,9,83.618 | 16,9,75.632 | 17,9,72.688 | 18,9,71.592 | 19,9,67.927 |
| 14,10,83.273 | 15,10,81.613 | 16,10,80.674 | 17,10,75.287 | 18,10,72.688 | 19,10,70.589 |
| 14,11,75.224 | 15,11,78.325 | 16,11,80.110 | 17,11,75.600 | 18,11,68.554 | 19,11,69.305 |
| 14,12,70.182 | 15,12,72.750 | 16,12,71.560 | 17,12,69.368 | 18,12,66.080 | 19,12,66.612 |
| 14,13,64.670 | 15,13,62.854 | 16,13,63.637 | 17,13,64.357 | 18,13,66.831 | 19,13,64.451 |
| 14,14,62.666 | 15,14,61.100 | 16,14,62.510 | 17,14,63.950 | 18,14,65.046 | 19,14,65.453 |
| 14,15,61.507 | 15,15,60.474 | 16,15,60.944 | 17,15,63.887 | 18,15,66.831 | 19,15,66.612 |
| 14,16,63.637 | 15,16,63.105 | 16,16,65.046 | 17,16,68.303 | 18,16,68.053 | 19,16,66.048 |
| 14,17,66.236 | 15,17,70.339 | 16,17,72.938 | 17,17,75.694 | 18,17,75.037 | 19,17,68.429 |
| 14,18,69.493 | 15,18,73.753 | 16,18,81.488 | 17,18,81.770 | 18,18,68.710 | 19,18,69.838 |
| 14,19,74.661 | 15,19,79.578 | 16,19,85.183 | 17,19,80.267 | 18,19,73.940 | 19,19,73.439 |

**Grid G2:**

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 99999.9 | | 1 | 0 | 99999.9 | | 2 | 0 | 99999.9 | | 3 | 0 | 99999.9 | | 4 | 0 | 99999.9 |
| 0 | 1 | 99999.9 | | 1 | 1 | 99999.9 | | 2 | 1 | 99999.9 | | 3 | 1 | 99999.9 | | 4 | 1 | 99999.9 |
| 0 | 2 | 99999.9 | | 1 | 2 | 99999.9 | | 2 | 2 | 99999.9 | | 3 | 2 | 99999.9 | | 4 | 2 | 99999.9 |
| 0 | 3 | 99999.9 | | 1 | 3 | 99999.9 | | 2 | 3 | 99999.9 | | 3 | 3 | 99999.9 | | 4 | 3 | 99999.9 |
| 0 | 4 | 99999.9 | | 1 | 4 | 99999.9 | | 2 | 4 | 99999.9 | | 3 | 4 | 99999.9 | | 4 | 4 | 99999.9 |
| 0 | 5 | 99999.9 | | 1 | 5 | 99999.9 | | 2 | 5 | 99999.9 | | 3 | 5 | 99999.9 | | 4 | 5 | 99999.9 |
| 0 | 6 | 99999.9 | | 1 | 6 | 99999.9 | | 2 | 6 | 99999.9 | | 3 | 6 | 99999.9 | | 4 | 6 | 99999.9 |
| 0 | 7 | 99999.9 | | 1 | 7 | 99999.9 | | 2 | 7 | 99999.9 | | 3 | 7 | 99999.9 | | 4 | 7 | 99999.9 |
| 0 | 8 | 99999.9 | | 1 | 8 | 99999.9 | | 2 | 8 | 99999.9 | | 3 | 8 | 99999.9 | | 4 | 8 | 99999.9 |
| 0 | 9 | 99999.9 | | 1 | 9 | 99999.9 | | 2 | 9 | 99999.9 | | 3 | 9 | 99999.9 | | 4 | 9 | 99999.9 |
| 0 | 10 | 99999.9 | | 1 | 10 | 99999.9 | | 2 | 10 | 99999.9 | | 3 | 10 | 99999.9 | | 4 | 10 | 99999.9 |
| 0 | 11 | 99999.9 | | 1 | 11 | 99999.9 | | 2 | 11 | 99999.9 | | 3 | 11 | 99999.9 | | 4 | 11 | 99999.9 |
| 0 | 12 | 99999.9 | | 1 | 12 | 99999.9 | | 2 | 12 | 99999.9 | | 3 | 12 | 99999.9 | | 4 | 12 | 99999.9 |
| 0 | 13 | 99999.9 | | 1 | 13 | 99999.9 | | 2 | 13 | 99999.9 | | 3 | 13 | 99999.9 | | 4 | 13 | 99999.9 |
| 0 | 14 | 99999.9 | | 1 | 14 | 99999.9 | | 2 | 14 | 99999.9 | | 3 | 14 | 99999.9 | | 4 | 14 | 99999.9 |
| 0 | 15 | 99999.9 | | 1 | 15 | 99999.9 | | 2 | 15 | 99999.9 | | 3 | 15 | 99999.9 | | 4 | 15 | 99999.9 |
| 0 | 16 | 99999.9 | | 1 | 16 | 99999.9 | | 2 | 16 | 99999.9 | | 3 | 16 | 99999.9 | | 4 | 16 | 99999.9 |
| 0 | 17 | 99999.9 | | 1 | 17 | 99999.9 | | 2 | 17 | 99999.9 | | 3 | 17 | 99999.9 | | 4 | 17 | 99999.9 |
| 0 | 18 | 99999.9 | | 1 | 18 | 99999.9 | | 2 | 18 | 99999.9 | | 3 | 18 | 99999.9 | | 4 | 18 | 99999.9 |
| 0 | 19 | 99999.9 | | 1 | 19 | 99999.9 | | 2 | 19 | 99999.9 | | 3 | 19 | 99999.9 | | 4 | 19 | 99999.9 |

**Grid G2 continued:**

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 0 | 99999.9 | | 6 | 0 | 57.7 | | 7 | 0 | 63.1 | | 8 | 0 | 61.1 | | 9 | 0 | 64 |
| 5 | 1 | 99999.9 | | 6 | 1 | 64 | | 7 | 1 | 65.5 | | 8 | 1 | 61.2 | | 9 | 1 | 62.1 |
| 5 | 2 | 99999.9 | | 6 | 2 | 72.3 | | 7 | 2 | 80 | | 8 | 2 | 63.4 | | 9 | 2 | 56.9 |
| 5 | 3 | 99999.9 | | 6 | 3 | 74 | | 7 | 3 | 66 | | 8 | 3 | 60.9 | | 9 | 3 | 67.5 |
| 5 | 4 | 99999.9 | | 6 | 4 | 88.8 | | 7 | 4 | 73.8 | | 8 | 4 | 66.1 | | 9 | 4 | 60.5 |
| 5 | 5 | 99999.9 | | 6 | 5 | 84.9 | | 7 | 5 | 78.5 | | 8 | 5 | 67.7 | | 9 | 5 | 60.1 |
| 5 | 6 | 99999.9 | | 6 | 6 | 74 | | 7 | 6 | 78.8 | | 8 | 6 | 68.6 | | 9 | 6 | 64.8 |
| 5 | 7 | 99999.9 | | 6 | 7 | 85 | | 7 | 7 | 83.7 | | 8 | 7 | 73 | | 9 | 7 | 69.2 |
| 5 | 8 | 99999.9 | | 6 | 8 | 82.8 | | 7 | 8 | 82.1 | | 8 | 8 | 79.8 | | 9 | 8 | 71.1 |
| 5 | 9 | 99999.9 | | 6 | 9 | 83.7 | | 7 | 9 | 90.4 | | 8 | 9 | 84.9 | | 9 | 9 | 71 |
| 5 | 10 | 99999.9 | | 6 | 10 | 95 | | 7 | 10 | 88.7 | | 8 | 10 | 83.3 | | 9 | 10 | 73 |
| 5 | 11 | 99999.9 | | 6 | 11 | 93.1 | | 7 | 11 | 93.5 | | 8 | 11 | 86.1 | | 9 | 11 | 82.9 |
| 5 | 12 | 99999.9 | | 6 | 12 | 86.5 | | 7 | 12 | 86 | | 8 | 12 | 90 | | 9 | 12 | 77.7 |
| 5 | 13 | 99999.9 | | 6 | 13 | 85.2 | | 7 | 13 | 87.9 | | 8 | 13 | 87.6 | | 9 | 13 | 75.5 |
| 5 | 14 | 99999.9 | | 6 | 14 | 72.5 | | 7 | 14 | 76 | | 8 | 14 | 86.3 | | 9 | 14 | 87 |
| 5 | 15 | 99999.9 | | 6 | 15 | 65.3 | | 7 | 15 | 64 | | 8 | 15 | 75.8 | | 9 | 15 | 69.9 |
| 5 | 16 | 99999.9 | | 6 | 16 | 68.5 | | 7 | 16 | 64.6 | | 8 | 16 | 70.4 | | 9 | 16 | 75.1 |
| 5 | 17 | 99999.9 | | 6 | 17 | 69.6 | | 7 | 17 | 65.6 | | 8 | 17 | 60.9 | | 9 | 17 | 71.3 |
| 5 | 18 | 99999.9 | | 6 | 18 | 67.4 | | 7 | 18 | 68.6 | | 8 | 18 | 68.6 | | 9 | 18 | 67.1 |
| 5 | 19 | 99999.9 | | 6 | 19 | 64.8 | | 7 | 19 | 71.3 | | 8 | 19 | 63.5 | | 9 | 19 | 67 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 0 | 69 | | 11 | 0 | 73.1 | | 12 | 0 | 75.9 | | 13 | 0 | 70.1 | | 14 | 0 | 77.2 |
| 10 | 1 | 69.9 | | 11 | 1 | 74.7 | | 12 | 1 | 79.5 | | 13 | 1 | 77.9 | | 14 | 1 | 76 |
| 10 | 2 | 67.3 | | 11 | 2 | 74.4 | | 12 | 2 | 79.1 | | 13 | 2 | 85.4 | | 14 | 2 | 82 |
| 10 | 3 | 63.3 | | 11 | 3 | 74.1 | | 12 | 3 | 78.7 | | 13 | 3 | 88 | | 14 | 3 | 86.7 |
| 10 | 4 | 63.8 | | 11 | 4 | 70.1 | | 12 | 4 | 76.3 | | 13 | 4 | 81.3 | | 14 | 4 | 87.9 |
| 10 | 5 | 63.9 | | 11 | 5 | 67.2 | | 12 | 5 | 76.5 | | 13 | 5 | 83.5 | | 14 | 5 | 89.3 |
| 10 | 6 | 61.6 | | 11 | 6 | 70.7 | | 12 | 6 | 72.3 | | 13 | 6 | 77.5 | | 14 | 6 | 78.5 |
| 10 | 7 | 61.7 | | 11 | 7 | 65.1 | | 12 | 7 | 66.1 | | 13 | 7 | 70.3 | | 14 | 7 | 84.7 |
| 10 | 8 | 69.3 | | 11 | 8 | 63.5 | | 12 | 8 | 69.4 | | 13 | 8 | 70.6 | | 14 | 8 | 79.4 |
| 10 | 9 | 62.4 | | 11 | 9 | 63 | | 12 | 9 | 72.5 | | 13 | 9 | 77.9 | | 14 | 9 | 74.8 |
| 10 | 10 | 65 | | 11 | 10 | 61.3 | | 12 | 10 | 63.3 | | 13 | 10 | 73.2 | | 14 | 10 | 77.8 |
| 10 | 11 | 66.2 | | 11 | 11 | 62.5 | | 12 | 11 | 66.3 | | 13 | 11 | 70.4 | | 14 | 11 | 74.4 |
| 10 | 12 | 65.8 | | 11 | 12 | 65.6 | | 12 | 12 | 62.6 | | 13 | 12 | 69.6 | | 14 | 12 | 79.8 |
| 10 | 13 | 69.4 | | 11 | 13 | 66.5 | | 12 | 13 | 63.8 | | 13 | 13 | 71.2 | | 14 | 13 | 75.4 |
| 10 | 14 | 75.6 | | 11 | 14 | 68.3 | | 12 | 14 | 64.2 | | 13 | 14 | 69.6 | | 14 | 14 | 68.6 |
| 10 | 15 | 77.4 | | 11 | 15 | 73.1 | | 12 | 15 | 64.6 | | 13 | 15 | 67.3 | | 14 | 15 | 67.5 |
| 10 | 16 | 77 | | 11 | 16 | 73.8 | | 12 | 16 | 67.6 | | 13 | 16 | 72.9 | | 14 | 16 | 66.8 |
| 10 | 17 | 71.3 | | 11 | 17 | 69.7 | | 12 | 17 | 73.4 | | 13 | 17 | 69.9 | | 14 | 17 | 72.5 |
| 10 | 18 | 67.3 | | 11 | 18 | 66.8 | | 12 | 18 | 73.2 | | 13 | 18 | 77.7 | | 14 | 18 | 78.4 |
| 10 | 19 | 60 | | 11 | 19 | 74.9 | | 12 | 19 | 80.7 | | 13 | 19 | 76.1 | | 14 | 19 | 73.8 |

**Grid G2 continued:**

| 15 | 0 | 78.5 | | 16 | 0 | 86.5 | | 17 | 0 | 72.2 | | 18 | 0 | 65 | | 19 | 0 | 67.6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 1 | 81.6 | | 16 | 1 | 80.9 | | 17 | 1 | 67.1 | | 18 | 1 | 66.1 | | 19 | 1 | 67.4 |
| 15 | 2 | 80.6 | | 16 | 2 | 83.5 | | 17 | 2 | 77.2 | | 18 | 2 | 70.1 | | 19 | 2 | 67.6 |
| 15 | 3 | 88.2 | | 16 | 3 | 86.5 | | 17 | 3 | 78.1 | | 18 | 3 | 66.6 | | 19 | 3 | 67.9 |
| 15 | 4 | 86.4 | | 16 | 4 | 91.7 | | 17 | 4 | 83.1 | | 18 | 4 | 79.7 | | 19 | 4 | 66.8 |
| 15 | 5 | 84.3 | | 16 | 5 | 97.1 | | 17 | 5 | 90.3 | | 18 | 5 | 83.3 | | 19 | 5 | 69.1 |
| 15 | 6 | 91.6 | | 16 | 6 | 99 | | 17 | 6 | 95.8 | | 18 | 6 | 84.9 | | 19 | 6 | 70.9 |
| 15 | 7 | 106 | | 16 | 7 | 106.3 | | 17 | 7 | 91.5 | | 18 | 7 | 89 | | 19 | 7 | 76.5 |
| 15 | 8 | 101.8 | | 16 | 8 | 97.1 | | 17 | 8 | 98.1 | | 18 | 8 | 90.9 | | 19 | 8 | 83.7 |
| 15 | 9 | 95.1 | | 16 | 9 | 93.7 | | 17 | 9 | 94.5 | | 18 | 9 | 88.6 | | 19 | 9 | 92.9 |
| 15 | 10 | 89.7 | | 16 | 10 | 99.3 | | 17 | 10 | 99.2 | | 18 | 10 | 97.1 | | 19 | 10 | 89.4 |
| 15 | 11 | 85.2 | | 16 | 11 | 84.7 | | 17 | 11 | 86.1 | | 18 | 11 | 76.2 | | 19 | 11 | 81.9 |
| 15 | 12 | 83.3 | | 16 | 12 | 69.8 | | 17 | 12 | 86 | | 18 | 12 | 81.8 | | 19 | 12 | 84.2 |
| 15 | 13 | 68.1 | | 16 | 13 | 72.9 | | 17 | 13 | 67.4 | | 18 | 13 | 75.8 | | 19 | 13 | 95.9 |
| 15 | 14 | 66.5 | | 16 | 14 | 69.5 | | 17 | 14 | 73 | | 18 | 14 | 79.4 | | 19 | 14 | 91.1 |
| 15 | 15 | 69.9 | | 16 | 15 | 76.3 | | 17 | 15 | 79.5 | | 18 | 15 | 86.5 | | 19 | 15 | 82 |
| 15 | 16 | 68.7 | | 16 | 16 | 73.8 | | 17 | 16 | 77.8 | | 18 | 16 | 78.5 | | 19 | 16 | 73.7 |
| 15 | 17 | 75.1 | | 16 | 17 | 75.3 | | 17 | 17 | 80.9 | | 18 | 17 | 73.1 | | 19 | 17 | 74.4 |
| 15 | 18 | 71.2 | | 16 | 18 | 79.7 | | 17 | 18 | 75.2 | | 18 | 18 | 75 | | 19 | 18 | 75.2 |
| 15 | 19 | 74 | | 16 | 19 | 80.9 | | 17 | 19 | 78.4 | | 18 | 19 | 86.2 | | 19 | 19 | 77.4 |

**Grid G3:**

| 0 | 0 | 99999.9 | | 1 | 0 | 99999.9 | | 2 | 0 | 99999.9 | | 3 | 0 | 99999.9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 99999.9 | | 1 | 1 | 99999.9 | | 2 | 1 | 99999.9 | | 3 | 1 | 99999.9 |
| 0 | 2 | 99999.9 | | 1 | 2 | 99999.9 | | 2 | 2 | 99999.9 | | 3 | 2 | 99999.9 |
| 0 | 3 | 99999.9 | | 1 | 3 | 99999.9 | | 2 | 3 | 99999.9 | | 3 | 3 | 99999.9 |
| 0 | 4 | 99999.9 | | 1 | 4 | 99999.9 | | 2 | 4 | 99999.9 | | 3 | 4 | 99999.9 |
| 0 | 5 | 99999.9 | | 1 | 5 | 99999.9 | | 2 | 5 | 99999.9 | | 3 | 5 | 99999.9 |
| 0 | 6 | 99999.9 | | 1 | 6 | 99999.9 | | 2 | 6 | 99999.9 | | 3 | 6 | 99999.9 |
| 0 | 7 | 99999.9 | | 1 | 7 | 99999.9 | | 2 | 7 | 99999.9 | | 3 | 7 | 99999.9 |
| 0 | 8 | 99999.9 | | 1 | 8 | 99999.9 | | 2 | 8 | 99999.9 | | 3 | 8 | 99999.9 |
| 0 | 9 | 99999.9 | | 1 | 9 | 99999.9 | | 2 | 9 | 99999.9 | | 3 | 9 | 99999.9 |
| 0 | 10 | 99999.9 | | 1 | 10 | 99999.9 | | 2 | 10 | 99999.9 | | 3 | 10 | 99999.9 |
| 0 | 11 | 99999.9 | | 1 | 11 | 99999.9 | | 2 | 11 | 99999.9 | | 3 | 11 | 99999.9 |
| 0 | 12 | 99999.9 | | 1 | 12 | 99999.9 | | 2 | 12 | 99999.9 | | 3 | 12 | 99999.9 |
| 0 | 13 | 99999.9 | | 1 | 13 | 99999.9 | | 2 | 13 | 99999.9 | | 3 | 13 | 99999.9 |
| 0 | 14 | 99999.9 | | 1 | 14 | 99999.9 | | 2 | 14 | 99999.9 | | 3 | 14 | 99999.9 |
| 0 | 15 | 99999.9 | | 1 | 15 | 99999.9 | | 2 | 15 | 99999.9 | | 3 | 15 | 99999.9 |
| 0 | 16 | 99999.9 | | 1 | 16 | 99999.9 | | 2 | 16 | 99999.9 | | 3 | 16 | 99999.9 |
| 0 | 17 | 99999.9 | | 1 | 17 | 99999.9 | | 2 | 17 | 99999.9 | | 3 | 17 | 99999.9 |
| 0 | 18 | 99999.9 | | 1 | 18 | 99999.9 | | 2 | 18 | 99999.9 | | 3 | 18 | 99999.9 |
| 0 | 19 | 99999.9 | | 1 | 19 | 99999.9 | | 2 | 19 | 99999.9 | | 3 | 19 | 99999.9 |

**Grid G3 continued:**

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 0 | 99999.9 | | 5 | 0 | 99999.9 | | 6 | 0 | 99999.9 | | 7 | 0 | 99999.9 |
| 4 | 1 | 99999.9 | | 5 | 1 | 99999.9 | | 6 | 1 | 99999.9 | | 7 | 1 | 99999.9 |
| 4 | 2 | 99999.9 | | 5 | 2 | 99999.9 | | 6 | 2 | 99999.9 | | 7 | 2 | 99999.9 |
| 4 | 3 | 99999.9 | | 5 | 3 | 99999.9 | | 6 | 3 | 99999.9 | | 7 | 3 | 99999.9 |
| 4 | 4 | 99999.9 | | 5 | 4 | 99999.9 | | 6 | 4 | 99999.9 | | 7 | 4 | 99999.9 |
| 4 | 5 | 99999.9 | | 5 | 5 | 99999.9 | | 6 | 5 | 99999.9 | | 7 | 5 | 99999.9 |
| 4 | 6 | 99999.9 | | 5 | 6 | 99999.9 | | 6 | 6 | 99999.9 | | 7 | 6 | 99999.9 |
| 4 | 7 | 99999.9 | | 5 | 7 | 99999.9 | | 6 | 7 | 99999.9 | | 7 | 7 | 99999.9 |
| 4 | 8 | 99999.9 | | 5 | 8 | 99999.9 | | 6 | 8 | 99999.9 | | 7 | 8 | 99999.9 |
| 4 | 9 | 99999.9 | | 5 | 9 | 99999.9 | | 6 | 9 | 99999.9 | | 7 | 9 | 99999.9 |
| 4 | 10 | 99999.9 | | 5 | 10 | 99999.9 | | 6 | 10 | 99999.9 | | 7 | 10 | 99999.9 |
| 4 | 11 | 99999.9 | | 5 | 11 | 99999.9 | | 6 | 11 | 99999.9 | | 7 | 11 | 99999.9 |
| 4 | 12 | 99999.9 | | 5 | 12 | 99999.9 | | 6 | 12 | 99999.9 | | 7 | 12 | 99999.9 |
| 4 | 13 | 99999.9 | | 5 | 13 | 99999.9 | | 6 | 13 | 99999.9 | | 7 | 13 | 99999.9 |
| 4 | 14 | 99999.9 | | 5 | 14 | 99999.9 | | 6 | 14 | 99999.9 | | 7 | 14 | 99999.9 |
| 4 | 15 | 99999.9 | | 5 | 15 | 99999.9 | | 6 | 15 | 99999.9 | | 7 | 15 | 99999.9 |
| 4 | 16 | 99999.9 | | 5 | 16 | 99999.9 | | 6 | 16 | 99999.9 | | 7 | 16 | 99999.9 |
| 4 | 17 | 99999.9 | | 5 | 17 | 99999.9 | | 6 | 17 | 99999.9 | | 7 | 17 | 99999.9 |
| 4 | 18 | 99999.9 | | 5 | 18 | 99999.9 | | 6 | 18 | 99999.9 | | 7 | 18 | 99999.9 |
| 4 | 19 | 99999.9 | | 5 | 19 | 99999.9 | | 6 | 19 | 99999.9 | | 7 | 19 | 99999.9 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 0 | 99999.9 | | 9 | 0 | 99999.9 | | 10 | 0 | 70.308 | | 11 | 0 | 76.884 |
| 8 | 1 | 99999.9 | | 9 | 1 | 99999.9 | | 10 | 1 | 69.9 | | 11 | 1 | 71.122 |
| 8 | 2 | 99999.9 | | 9 | 2 | 99999.9 | | 10 | 2 | 67.708 | | 11 | 2 | 71.122 |
| 8 | 3 | 99999.9 | | 9 | 3 | 99999.9 | | 10 | 3 | 75.82 | | 11 | 3 | 76.227 |
| 8 | 4 | 99999.9 | | 9 | 4 | 99999.9 | | 10 | 4 | 69.619 | | 11 | 4 | 72.938 |
| 8 | 5 | 99999.9 | | 9 | 5 | 99999.9 | | 10 | 5 | 76.164 | | 11 | 5 | 72.844 |
| 8 | 6 | 99999.9 | | 9 | 6 | 99999.9 | | 10 | 6 | 76.227 | | 11 | 6 | 75.851 |
| 8 | 7 | 99999.9 | | 9 | 7 | 99999.9 | | 10 | 7 | 70.997 | | 11 | 7 | 75.131 |
| 8 | 8 | 99999.9 | | 9 | 8 | 99999.9 | | 10 | 8 | 76.884 | | 11 | 8 | 78.701 |
| 8 | 9 | 99999.9 | | 9 | 9 | 99999.9 | | 10 | 9 | 79.358 | | 11 | 9 | 75.945 |
| 8 | 10 | 99999.9 | | 9 | 10 | 99999.9 | | 10 | 10 | 69.086 | | 11 | 10 | 75.287 |
| 8 | 11 | 99999.9 | | 9 | 11 | 99999.9 | | 10 | 11 | 75.475 | | 11 | 11 | 76.508 |
| 8 | 12 | 99999.9 | | 9 | 12 | 99999.9 | | 10 | 12 | 74.066 | | 11 | 12 | 70.903 |
| 8 | 13 | 99999.9 | | 9 | 13 | 99999.9 | | 10 | 13 | 75.412 | | 11 | 13 | 73.846 |
| 8 | 14 | 99999.9 | | 9 | 14 | 99999.9 | | 10 | 14 | 75.318 | | 11 | 14 | 75.882 |
| 8 | 15 | 99999.9 | | 9 | 15 | 99999.9 | | 10 | 15 | 74.254 | | 11 | 15 | 75.162 |
| 8 | 16 | 99999.9 | | 9 | 16 | 99999.9 | | 10 | 16 | 83.085 | | 11 | 16 | 83.304 |
| 8 | 17 | 99999.9 | | 9 | 17 | 99999.9 | | 10 | 17 | 87.72 | | 11 | 17 | 81.018 |
| 8 | 18 | 99999.9 | | 9 | 18 | 99999.9 | | 10 | 18 | 88.722 | | 11 | 18 | 89.505 |
| 8 | 19 | 99999.9 | | 9 | 19 | 99999.9 | | 10 | 19 | 99999.9 | | 11 | 19 | 99999.9 |

**Grid G3 continued:**

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | 0 | 84.275 | | 13 | 0 | 301.432 | | 14 | 0 | 80.486 | | 15 | 0 | 86.843 |
| 12 | 1 | 78.356 | | 13 | 1 | 85.34 | | 14 | 1 | 81.864 | | 15 | 1 | 82.208 |
| 12 | 2 | 76.195 | | 13 | 2 | 82.271 | | 14 | 2 | 84.494 | | 15 | 2 | 83.43 |
| 12 | 3 | 75.663 | | 13 | 3 | 82.584 | | 14 | 3 | 82.459 | | 15 | 3 | 87.313 |
| 12 | 4 | 72.187 | | 13 | 4 | 75.726 | | 14 | 4 | 88.973 | | 15 | 4 | 86.029 |
| 12 | 5 | 71.372 | | 13 | 5 | 78.92 | | 14 | 5 | 79.17 | | 15 | 5 | 84.714 |
| 12 | 6 | 71.905 | | 13 | 6 | 74.943 | | 14 | 6 | 73.314 | | 15 | 6 | 83.367 |
| 12 | 7 | 70.652 | | 13 | 7 | 71.686 | | 14 | 7 | 69.713 | | 15 | 7 | 79.922 |
| 12 | 8 | 72.656 | | 13 | 8 | 68.053 | | 14 | 8 | 67.74 | | 15 | 8 | 77.886 |
| 12 | 9 | 76.289 | | 13 | 9 | 74.16 | | 14 | 9 | 69.243 | | 15 | 9 | 73.972 |
| 12 | 10 | 71.873 | | 13 | 10 | 71.936 | | 14 | 10 | 71.936 | | 15 | 10 | 75.35 |
| 12 | 11 | 73.784 | | 13 | 11 | 70.245 | | 14 | 11 | 72.907 | | 15 | 11 | 73.283 |
| 12 | 12 | 73.189 | | 13 | 12 | 73.377 | | 14 | 12 | 75.256 | | 15 | 12 | 73.878 |
| 12 | 13 | 72.343 | | 13 | 13 | 69.619 | | 14 | 13 | 72.813 | | 15 | 13 | 73.095 |
| 12 | 14 | 75.412 | | 13 | 14 | 71.936 | | 14 | 14 | 74.974 | | 15 | 14 | 70.558 |
| 12 | 15 | 76.101 | | 13 | 15 | 72.907 | | 14 | 15 | 76.728 | | 15 | 15 | 69.243 |
| 12 | 16 | 83.179 | | 13 | 16 | 77.886 | | 14 | 16 | 78.544 | | 15 | 16 | 75.757 |
| 12 | 17 | 79.077 | | 13 | 17 | 80.674 | | 14 | 17 | 80.768 | | 15 | 17 | 80.611 |
| 12 | 18 | 87.658 | | 13 | 18 | 80.862 | | 14 | 18 | 81.05 | | 15 | 18 | 76.446 |
| 12 | 19 | 99999.9 | | 13 | 19 | 91.04 | | 14 | 19 | 71.216 | | 15 | 19 | 64.42 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 0 | 86.123 | | 17 | 0 | 89.223 | | 18 | 0 | 96.677 | | 19 | 0 | 95.08 |
| 16 | 1 | 83.367 | | 17 | 1 | 89.568 | | 18 | 1 | 94.579 | | 19 | 1 | 92.011 |
| 16 | 2 | 85.34 | | 17 | 2 | 90.507 | | 18 | 2 | 93.076 | | 19 | 2 | 94.172 |
| 16 | 3 | 89.349 | | 17 | 3 | 90.132 | | 18 | 3 | 93.295 | | 19 | 3 | 93.514 |
| 16 | 4 | 90.32 | | 17 | 4 | 96.583 | | 18 | 4 | 90.226 | | 19 | 4 | 84.275 |
| 16 | 5 | 86.969 | | 17 | 5 | 87.752 | | 18 | 5 | 79.452 | | 19 | 5 | 77.949 |
| 16 | 6 | 83.555 | | 17 | 6 | 80.141 | | 18 | 6 | 83.398 | | 19 | 6 | 84.964 |
| 16 | 7 | 84.557 | | 17 | 7 | 80.548 | | 18 | 7 | 79.828 | | 19 | 7 | 77.793 |
| 16 | 8 | 80.455 | | 17 | 8 | 82.96 | | 18 | 8 | 81.926 | | 19 | 8 | 79.828 |
| 16 | 9 | 78.951 | | 17 | 9 | 85.81 | | 18 | 9 | 90.32 | | 19 | 9 | 87.063 |
| 16 | 10 | 78.419 | | 17 | 10 | 86.092 | | 18 | 10 | 85.81 | | 19 | 10 | 88.66 |
| 16 | 11 | 76.759 | | 17 | 11 | 80.423 | | 18 | 11 | 85.904 | | 19 | 11 | 84.933 |
| 16 | 12 | 73.283 | | 17 | 12 | 77.511 | | 18 | 12 | 76.415 | | 19 | 12 | 77.636 |
| 16 | 13 | 73.596 | | 17 | 13 | 74.254 | | 18 | 13 | 67.614 | | 19 | 13 | 69.744 |
| 16 | 14 | 68.554 | | 17 | 14 | 68.522 | | 18 | 14 | 66.017 | | 19 | 14 | 67.113 |
| 16 | 15 | 72.124 | | 17 | 15 | 66.894 | | 18 | 15 | 68.898 | | 19 | 15 | 72.531 |
| 16 | 16 | 75.788 | | 17 | 16 | 71.748 | | 18 | 16 | 70.934 | | 19 | 16 | 73.659 |
| 16 | 17 | 77.135 | | 17 | 17 | 70.589 | | 18 | 17 | 63.668 | | 19 | 17 | 64.232 |
| 16 | 18 | 70.903 | | 17 | 18 | 64.232 | | 18 | 18 | 71.028 | | 19 | 18 | 70.026 |
| 16 | 19 | 53.584 | | 17 | 19 | 54.931 | | 18 | 19 | 57.937 | | 19 | 19 | 58.783 |

**Grid G4:**

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 89.004 | | 1 | 0 | 85.716 | | 2 | 0 | 80.83 | | 3 | 0 | 77.918 |
| 0 | 1 | 91.885 | | 1 | 1 | 91.071 | | 2 | 1 | 85.81 | | 3 | 1 | 81.582 |
| 0 | 2 | 91.071 | | 1 | 2 | 94.203 | | 2 | 2 | 87.564 | | 3 | 2 | 93.232 |
| 0 | 3 | 88.409 | | 1 | 3 | 85.09 | | 2 | 3 | 87.031 | | 3 | 3 | 91.572 |
| 0 | 4 | 84.62 | | 1 | 4 | 87.595 | | 2 | 4 | 92.512 | | 3 | 4 | 98.525 |
| 0 | 5 | 80.768 | | 1 | 5 | 83.712 | | 2 | 5 | 94.266 | | 3 | 5 | 101.907 |
| 0 | 6 | 76.007 | | 1 | 6 | 78.701 | | 2 | 6 | 92.512 | | 3 | 6 | 98.838 |
| 0 | 7 | 75.569 | | 1 | 7 | 77.323 | | 2 | 7 | 91.478 | | 3 | 7 | 93.827 |
| 0 | 8 | 80.517 | | 1 | 8 | 74.723 | | 2 | 8 | 85.685 | | 3 | 8 | 86.248 |
| 0 | 9 | 86.28 | | 1 | 9 | 80.705 | | 2 | 9 | 80.799 | | 3 | 9 | 83.805 |
| 0 | 10 | 84.432 | | 1 | 10 | 78.106 | | 2 | 10 | 76.602 | | 3 | 10 | 84.119 |
| 0 | 11 | 85.559 | | 1 | 11 | 79.045 | | 2 | 11 | 70.276 | | 3 | 11 | 77.824 |
| 0 | 12 | 75.945 | | 1 | 12 | 75.131 | | 2 | 12 | 68.961 | | 3 | 12 | 74.16 |
| 0 | 13 | 72.155 | | 1 | 13 | 73.721 | | 2 | 13 | 69.963 | | 3 | 13 | 72.656 |
| 0 | 14 | 69.525 | | 1 | 14 | 72.782 | | 2 | 14 | 76.759 | | 3 | 14 | 74.254 |
| 0 | 15 | 74.316 | | 1 | 15 | 77.824 | | 2 | 15 | 77.636 | | 3 | 15 | 78.074 |
| 0 | 16 | 76.947 | | 1 | 16 | 89.286 | | 2 | 16 | 83.774 | | 3 | 16 | 83.586 |
| 0 | 17 | 85.058 | | 1 | 17 | 89.286 | | 2 | 17 | 90.1 | | 3 | 17 | 83.712 |
| 0 | 18 | 77.323 | | 1 | 18 | 99999.9 | | 2 | 18 | 88.315 | | 3 | 18 | 84.494 |
| 0 | 19 | 99999.9 | | 1 | 19 | 99999.9 | | 2 | 19 | 99999.9 | | 3 | 19 | 99999.9 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 0 | 76.007 | | 5 | 0 | 77.855 | | 6 | 0 | 77.699 | | 7 | 0 | 80.517 |
| 4 | 1 | 81.864 | | 5 | 1 | 80.141 | | 6 | 1 | 80.423 | | 7 | 1 | 78.106 |
| 4 | 2 | 87.626 | | 5 | 2 | 78.513 | | 6 | 2 | 80.392 | | 7 | 2 | 73.22 |
| 4 | 3 | 96.552 | | 5 | 3 | 86.029 | | 6 | 3 | 82.709 | | 7 | 3 | 76.477 |
| 4 | 4 | 103.316 | | 5 | 4 | 96.489 | | 6 | 4 | 91.196 | | 7 | 4 | 82.459 |
| 4 | 5 | 101.312 | | 5 | 5 | 99.339 | | 6 | 5 | 93.765 | | 7 | 5 | 88.816 |
| 4 | 6 | 95.738 | | 5 | 6 | 93.514 | | 6 | 6 | 95.456 | | 7 | 6 | 90.539 |
| 4 | 7 | 91.666 | | 5 | 7 | 94.892 | | 6 | 7 | 89.505 | | 7 | 7 | 88.19 |
| 4 | 8 | 87.125 | | 5 | 8 | 85.841 | | 6 | 8 | 83.743 | | 7 | 8 | 82.835 |
| 4 | 9 | 84.15 | | 5 | 9 | 86.436 | | 6 | 9 | 83.774 | | 7 | 9 | 81.551 |
| 4 | 10 | 87.344 | | 5 | 10 | 81.832 | | 6 | 10 | 82.302 | | 7 | 10 | 80.705 |
| 4 | 11 | 81.143 | | 5 | 11 | 79.014 | | 6 | 11 | 78.2 | | 7 | 11 | 81.895 |
| 4 | 12 | 78.137 | | 5 | 12 | 79.077 | | 6 | 12 | 76.759 | | 7 | 12 | 81.269 |
| 4 | 13 | 76.258 | | 5 | 13 | 77.229 | | 6 | 13 | 79.421 | | 7 | 13 | 81.676 |
| 4 | 14 | 76.696 | | 5 | 14 | 78.482 | | 6 | 14 | 79.045 | | 7 | 14 | 80.361 |
| 4 | 15 | 87.031 | | 5 | 15 | 86.624 | | 6 | 15 | 86.248 | | 7 | 15 | 88.722 |
| 4 | 16 | 95.111 | | 5 | 16 | 102.596 | | 6 | 16 | 101.97 | | 7 | 16 | 100.216 |
| 4 | 17 | 97.617 | | 5 | 17 | 100.78 | | 6 | 17 | 100.466 | | 7 | 17 | 99.715 |
| 4 | 18 | 99999.9 | | 5 | 18 | 99999.9 | | 6 | 18 | 99999.9 | | 7 | 18 | 99999.9 |
| 4 | 19 | 99999.9 | | 5 | 19 | 99999.9 | | 6 | 19 | 99999.9 | | 7 | 19 | 99999.9 |

**Grid G4 continued:**

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 0 | 75.131 | | 9 | 0 | 70.683 | | 10 | 0 | 90.288 | | 11 | 0 | 76.039 |
| 8 | 1 | 74.755 | | 9 | 1 | 71.091 | | 10 | 1 | 72.813 | | 11 | 1 | 71.247 |
| 8 | 2 | 75.099 | | 9 | 2 | 71.153 | | 10 | 2 | 71.842 | | 11 | 2 | 69.431 |
| 8 | 3 | 76.007 | | 9 | 3 | 74.034 | | 10 | 3 | 71.466 | | 11 | 3 | 70.683 |
| 8 | 4 | 80.799 | | 9 | 4 | 78.356 | | 10 | 4 | 70.715 | | 11 | 4 | 71.091 |
| 8 | 5 | 89.317 | | 9 | 5 | 88.315 | | 10 | 5 | 77.761 | | 11 | 5 | 72.187 |
| 8 | 6 | 88.754 | | 9 | 6 | 90.476 | | 10 | 6 | 85.591 | | 11 | 6 | 80.768 |
| 8 | 7 | 88.378 | | 9 | 7 | 86.311 | | 10 | 7 | 81.645 | | 11 | 7 | 81.425 |
| 8 | 8 | 85.653 | | 9 | 8 | 84.87 | | 10 | 8 | 81.175 | | 11 | 8 | 80.956 |
| 8 | 9 | 83.273 | | 9 | 9 | 82.49 | | 10 | 9 | 79.39 | | 11 | 9 | 77.166 |
| 8 | 10 | 81.645 | | 9 | 10 | 78.795 | | 10 | 10 | 76.759 | | 11 | 10 | 74.473 |
| 8 | 11 | 79.484 | | 9 | 11 | 77.385 | | 10 | 11 | 74.629 | | 11 | 11 | 74.128 |
| 8 | 12 | 80.267 | | 9 | 12 | 80.329 | | 10 | 12 | 76.352 | | 11 | 12 | 77.573 |
| 8 | 13 | 78.544 | | 9 | 13 | 80.642 | | 10 | 13 | 78.106 | | 11 | 13 | 79.202 |
| 8 | 14 | 83.085 | | 9 | 14 | 82.866 | | 10 | 14 | 82.803 | | 11 | 14 | 82.991 |
| 8 | 15 | 92.011 | | 9 | 15 | 100.153 | | 10 | 15 | 100.153 | | 11 | 15 | 100.78 |
| 8 | 16 | 104.225 | | 9 | 16 | 105.321 | | 10 | 16 | 113.15 | | 11 | 16 | 112.367 |
| 8 | 17 | 10369.235 | | 9 | 17 | 109.611 | | 10 | 17 | 105.853 | | 11 | 17 | 111.522 |
| 8 | 18 | 99999.9 | | 9 | 18 | 99999.9 | | 10 | 18 | 99999.9 | | 11 | 18 | 99999.9 |
| 8 | 19 | 99999.9 | | 9 | 19 | 99999.9 | | 10 | 19 | 99999.9 | | 11 | 19 | 99999.9 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | 0 | 76.289 | | 13 | 0 | 76.195 | | 14 | 0 | 74.16 | | 15 | 0 | 70.026 |
| 12 | 1 | 73.158 | | 13 | 1 | 73.878 | | 14 | 1 | 77.166 | | 15 | 1 | 85.403 |
| 12 | 2 | 68.178 | | 13 | 2 | 72.907 | | 14 | 2 | 79.672 | | 15 | 2 | 87.939 |
| 12 | 3 | 68.053 | | 13 | 3 | 71.654 | | 14 | 3 | 81.613 | | 15 | 3 | 86.53 |
| 12 | 4 | 70.809 | | 13 | 4 | 68.742 | | 14 | 4 | 74.442 | | 15 | 4 | 80.298 |
| 12 | 5 | 70.809 | | 13 | 5 | 70.402 | | 14 | 5 | 70.746 | | 15 | 5 | 72.907 |
| 12 | 6 | 76.164 | | 13 | 6 | 74.348 | | 14 | 6 | 69.493 | | 15 | 6 | 70.276 |
| 12 | 7 | 81.394 | | 13 | 7 | 81.676 | | 14 | 7 | 76.822 | | 15 | 7 | 77.26 |
| 12 | 8 | 81.363 | | 13 | 8 | 79.64 | | 14 | 8 | 77.73 | | 15 | 8 | 77.918 |
| 12 | 9 | 77.01 | | 13 | 9 | 78.419 | | 14 | 9 | 78.732 | | 15 | 9 | 74.911 |
| 12 | 10 | 78.2 | | 13 | 10 | 80.674 | | 14 | 10 | 81.112 | | 15 | 10 | 77.135 |
| 12 | 11 | 79.922 | | 13 | 11 | 81.112 | | 14 | 11 | 83.899 | | 15 | 11 | 82.052 |
| 12 | 12 | 81.801 | | 13 | 12 | 81.05 | | 14 | 12 | 83.085 | | 15 | 12 | 81.457 |
| 12 | 13 | 78.92 | | 13 | 13 | 81.237 | | 14 | 13 | 81.05 | | 15 | 13 | 81.582 |
| 12 | 14 | 83.993 | | 13 | 14 | 87.564 | | 14 | 14 | 87.094 | | 15 | 14 | 85.779 |
| 12 | 15 | 100.842 | | 13 | 15 | 102.847 | | 14 | 15 | 101.688 | | 15 | 15 | 95.205 |
| 12 | 16 | 114.246 | | 13 | 16 | 111.929 | | 14 | 16 | 113.213 | | 15 | 16 | 105.884 |
| 12 | 17 | 101.594 | | 13 | 17 | 104.381 | | 14 | 17 | 99999.9 | | 15 | 17 | 99999.9 |
| 12 | 18 | 99999.9 | | 13 | 18 | 99999.9 | | 14 | 18 | 99999.9 | | 15 | 18 | 99999.9 |
| 12 | 19 | 99999.9 | | 13 | 19 | 99999.9 | | 14 | 19 | 99999.9 | | 15 | 19 | 99999.9 |

**Grid G4 continued:**

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 0 | 73.94 | | 17 | 0 | 81.175 | | 18 | 0 | 83.586 | | 19 | 0 | 81.832 |
| 16 | 1 | 86.123 | | 17 | 1 | 83.461 | | 18 | 1 | 86.467 | | 19 | 1 | 81.989 |
| 16 | 2 | 86.123 | | 17 | 2 | 83.242 | | 18 | 2 | 82.678 | | 19 | 2 | 80.893 |
| 16 | 3 | 84.432 | | 17 | 3 | 78.795 | | 18 | 3 | 77.573 | | 19 | 3 | 77.793 |
| 16 | 4 | 83.148 | | 17 | 4 | 78.795 | | 18 | 4 | 77.385 | | 19 | 4 | 79.296 |
| 16 | 5 | 76.477 | | 17 | 5 | 79.672 | | 18 | 5 | 79.859 | | 19 | 5 | 77.511 |
| 16 | 6 | 80.987 | | 17 | 6 | 84.964 | | 18 | 6 | 77.197 | | 19 | 6 | 79.609 |
| 16 | 7 | 80.924 | | 17 | 7 | 75.851 | | 18 | 7 | 75.037 | | 19 | 7 | 74.254 |
| 16 | 8 | 76.477 | | 17 | 8 | 76.665 | | 18 | 8 | 73.471 | | 19 | 8 | 74.535 |
| 16 | 9 | 75.412 | | 17 | 9 | 81.363 | | 18 | 9 | 78.513 | | 19 | 9 | 78.137 |
| 16 | 10 | 80.016 | | 17 | 10 | 80.329 | | 18 | 10 | 81.112 | | 19 | 10 | 80.548 |
| 16 | 11 | 80.392 | | 17 | 11 | 79.202 | | 18 | 11 | 82.02 | | 19 | 11 | 82.146 |
| 16 | 12 | 79.014 | | 17 | 12 | 78.074 | | 18 | 12 | 82.302 | | 19 | 12 | 79.452 |
| 16 | 13 | 81.175 | | 17 | 13 | 78.074 | | 18 | 13 | 77.949 | | 19 | 13 | 78.575 |
| 16 | 14 | 83.868 | | 17 | 14 | 82.584 | | 18 | 14 | 82.114 | | 19 | 14 | 80.58 |
| 16 | 15 | 92.418 | | 17 | 15 | 90.288 | | 18 | 15 | 86.499 | | 19 | 15 | 86.875 |
| 16 | 16 | 106.981 | | 17 | 16 | 105.133 | | 18 | 16 | 96.614 | | 19 | 16 | 97.209 |
| 16 | 17 | 99999.9 | | 17 | 17 | 99999.9 | | 18 | 17 | 99999.9 | | 19 | 17 | 99999.9 |
| 16 | 18 | 99999.9 | | 17 | 18 | 99999.9 | | 18 | 18 | 99999.9 | | 19 | 18 | 99999.9 |
| 16 | 19 | 99999.9 | | 17 | 19 | 99999.9 | | 18 | 19 | 99999.9 | | 19 | 19 | 99999.9 |

**Grid G5:**

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 67.9 | | 1 | 0 | 69.7 | | 2 | 0 | 75.7 | | 3 | 0 | 78.1 | | 4 | 0 | 85.2 |
| 0 | 1 | 70.8 | | 1 | 1 | 74.8 | | 2 | 1 | 70 | | 3 | 1 | 77.4 | | 4 | 1 | 93 |
| 0 | 2 | 71.1 | | 1 | 2 | 71.7 | | 2 | 2 | 79.1 | | 3 | 2 | 96.8 | | 4 | 2 | 92.3 |
| 0 | 3 | 65.9 | | 1 | 3 | 71.2 | | 2 | 3 | 72.6 | | 3 | 3 | 85.6 | | 4 | 3 | 84.7 |
| 0 | 4 | 67 | | 1 | 4 | 71.7 | | 2 | 4 | 77.1 | | 3 | 4 | 84.9 | | 4 | 4 | 86.6 |
| 0 | 5 | 70.3 | | 1 | 5 | 70.8 | | 2 | 5 | 78.8 | | 3 | 5 | 78.8 | | 4 | 5 | 77.2 |
| 0 | 6 | 68.7 | | 1 | 6 | 72.2 | | 2 | 6 | 72.2 | | 3 | 6 | 76.4 | | 4 | 6 | 67.5 |
| 0 | 7 | 70.2 | | 1 | 7 | 70.7 | | 2 | 7 | 77.6 | | 3 | 7 | 74.8 | | 4 | 7 | 71.8 |
| 0 | 8 | 79.2 | | 1 | 8 | 65.1 | | 2 | 8 | 84.1 | | 3 | 8 | 87.8 | | 4 | 8 | 83 |
| 0 | 9 | 83.3 | | 1 | 9 | 79 | | 2 | 9 | 103.5 | | 3 | 9 | 102.9 | | 4 | 9 | 90.4 |
| 0 | 10 | 83.6 | | 1 | 10 | 79.2 | | 2 | 10 | 96.5 | | 3 | 10 | 106.8 | | 4 | 10 | 92.5 |
| 0 | 11 | 75 | | 1 | 11 | 75.2 | | 2 | 11 | 88 | | 3 | 11 | 98.3 | | 4 | 11 | 104.4 |
| 0 | 12 | 84.1 | | 1 | 12 | 81.9 | | 2 | 12 | 82.2 | | 3 | 12 | 84.7 | | 4 | 12 | 99.3 |
| 0 | 13 | 94.6 | | 1 | 13 | 89.7 | | 2 | 13 | 84.1 | | 3 | 13 | 85.7 | | 4 | 13 | 92.2 |
| 0 | 14 | 91.6 | | 1 | 14 | 94.5 | | 2 | 14 | 79.5 | | 3 | 14 | 79.8 | | 4 | 14 | 90.5 |
| 0 | 15 | 78.4 | | 1 | 15 | 71 | | 2 | 15 | 75.2 | | 3 | 15 | 77.4 | | 4 | 15 | 80.2 |
| 0 | 16 | 72.8 | | 1 | 16 | 71.8 | | 2 | 16 | 72.7 | | 3 | 16 | 77.9 | | 4 | 16 | 76.3 |
| 0 | 17 | 72.3 | | 1 | 17 | 69.7 | | 2 | 17 | 71.1 | | 3 | 17 | 66.7 | | 4 | 17 | 69.7 |
| 0 | 18 | 73.2 | | 1 | 18 | 69.4 | | 2 | 18 | 68.8 | | 3 | 18 | 65.2 | | 4 | 18 | 65 |
| 0 | 19 | 78.6 | | 1 | 19 | 81.9 | | 2 | 19 | 78.9 | | 3 | 19 | 73.6 | | 4 | 19 | 68.1 |

**Grid G5 continued:**

| 5 | 0 | 93.8 | | 6 | 0 | 101.6 | | 7 | 0 | 86.2 | | 8 | 0 | 75.9 | | 9 | 0 | 74.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 1 | 106.5 | | 6 | 1 | 102 | | 7 | 1 | 88.4 | | 8 | 1 | 73 | | 9 | 1 | 74.6 |
| 5 | 2 | 103.7 | | 6 | 2 | 100.3 | | 7 | 2 | 86.8 | | 8 | 2 | 76.9 | | 9 | 2 | 77.8 |
| 5 | 3 | 93.5 | | 6 | 3 | 95.2 | | 7 | 3 | 77 | | 8 | 3 | 69.7 | | 9 | 3 | 70.5 |
| 5 | 4 | 81 | | 6 | 4 | 80 | | 7 | 4 | 71 | | 8 | 4 | 67.9 | | 9 | 4 | 69.3 |
| 5 | 5 | 76.2 | | 6 | 5 | 72.6 | | 7 | 5 | 65.5 | | 8 | 5 | 64.1 | | 9 | 5 | 65.9 |
| 5 | 6 | 72.9 | | 6 | 6 | 73.2 | | 7 | 6 | 65.5 | | 8 | 6 | 63.9 | | 9 | 6 | 61.2 |
| 5 | 7 | 74.4 | | 6 | 7 | 72.8 | | 7 | 7 | 69 | | 8 | 7 | 64.9 | | 9 | 7 | 60.9 |
| 5 | 8 | 80 | | 6 | 8 | 87.6 | | 7 | 8 | 78.4 | | 8 | 8 | 69.1 | | 9 | 8 | 66.3 |
| 5 | 9 | 93 | | 6 | 9 | 110.4 | | 7 | 9 | 87.4 | | 8 | 9 | 71.2 | | 9 | 9 | 62.7 |
| 5 | 10 | 97.1 | | 6 | 10 | 96.6 | | 7 | 10 | 102.1 | | 8 | 10 | 71.6 | | 9 | 10 | 61.7 |
| 5 | 11 | 108.9 | | 6 | 11 | 91.5 | | 7 | 11 | 98.5 | | 8 | 11 | 82.5 | | 9 | 11 | 75.1 |
| 5 | 12 | 105.8 | | 6 | 12 | 92.4 | | 7 | 12 | 94.6 | | 8 | 12 | 88.4 | | 9 | 12 | 85 |
| 5 | 13 | 112 | | 6 | 13 | 106.4 | | 7 | 13 | 98.3 | | 8 | 13 | 87.8 | | 9 | 13 | 89.6 |
| 5 | 14 | 103.3 | | 6 | 14 | 96.9 | | 7 | 14 | 96.1 | | 8 | 14 | 94.7 | | 9 | 14 | 79.6 |
| 5 | 15 | 85.9 | | 6 | 15 | 85.3 | | 7 | 15 | 87.1 | | 8 | 15 | 85.6 | | 9 | 15 | 94.7 |
| 5 | 16 | 75.6 | | 6 | 16 | 78.4 | | 7 | 16 | 76.3 | | 8 | 16 | 75.3 | | 9 | 16 | 74.3 |
| 5 | 17 | 69.5 | | 6 | 17 | 65.5 | | 7 | 17 | 72.3 | | 8 | 17 | 71.9 | | 9 | 17 | 66.5 |
| 5 | 18 | 64.8 | | 6 | 18 | 69.9 | | 7 | 18 | 72 | | 8 | 18 | 66 | | 9 | 18 | 63.5 |
| 5 | 19 | 71.8 | | 6 | 19 | 74.1 | | 7 | 19 | 76.4 | | 8 | 19 | 74.3 | | 9 | 19 | 76 |

| 10 | 0 | 75.2 | | 11 | 0 | 77.1 | | 12 | 0 | 75.9 | | 13 | 0 | 76.4 | | 14 | 0 | 89.7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 1 | 76.5 | | 11 | 1 | 78.4 | | 12 | 1 | 79 | | 13 | 1 | 83.9 | | 14 | 1 | 89.1 |
| 10 | 2 | 77.8 | | 11 | 2 | 77.9 | | 12 | 2 | 74.4 | | 13 | 2 | 82.4 | | 14 | 2 | 86.1 |
| 10 | 3 | 76.7 | | 11 | 3 | 83.6 | | 12 | 3 | 79.3 | | 13 | 3 | 80.1 | | 14 | 3 | 75.6 |
| 10 | 4 | 74.3 | | 11 | 4 | 71.9 | | 12 | 4 | 72 | | 13 | 4 | 74.2 | | 14 | 4 | 73.2 |
| 10 | 5 | 66.1 | | 11 | 5 | 69.6 | | 12 | 5 | 71.6 | | 13 | 5 | 73.7 | | 14 | 5 | 73.8 |
| 10 | 6 | 64.7 | | 11 | 6 | 66.9 | | 12 | 6 | 68 | | 13 | 6 | 73.8 | | 14 | 6 | 67.4 |
| 10 | 7 | 61.4 | | 11 | 7 | 62 | | 12 | 7 | 64.4 | | 13 | 7 | 64.8 | | 14 | 7 | 66.8 |
| 10 | 8 | 61.6 | | 11 | 8 | 60.6 | | 12 | 8 | 64.5 | | 13 | 8 | 65.1 | | 14 | 8 | 66.1 |
| 10 | 9 | 57.5 | | 11 | 9 | 59.7 | | 12 | 9 | 69.4 | | 13 | 9 | 74 | | 14 | 9 | 74.4 |
| 10 | 10 | 62 | | 11 | 10 | 65.6 | | 12 | 10 | 75.8 | | 13 | 10 | 84.2 | | 14 | 10 | 76.9 |
| 10 | 11 | 79.8 | | 11 | 11 | 81.6 | | 12 | 11 | 88.8 | | 13 | 11 | 84.2 | | 14 | 11 | 76.4 |
| 10 | 12 | 84.9 | | 11 | 12 | 91.8 | | 12 | 12 | 82.9 | | 13 | 12 | 73.1 | | 14 | 12 | 77.3 |
| 10 | 13 | 82.3 | | 11 | 13 | 87 | | 12 | 13 | 84.5 | | 13 | 13 | 78.5 | | 14 | 13 | 77.1 |
| 10 | 14 | 89.9 | | 11 | 14 | 81.9 | | 12 | 14 | 82.3 | | 13 | 14 | 79 | | 14 | 14 | 75.9 |
| 10 | 15 | 86.8 | | 11 | 15 | 82.3 | | 12 | 15 | 77.5 | | 13 | 15 | 75.2 | | 14 | 15 | 70.4 |
| 10 | 16 | 73.9 | | 11 | 16 | 77.6 | | 12 | 16 | 72.8 | | 13 | 16 | 69.1 | | 14 | 16 | 69.3 |
| 10 | 17 | 68.3 | | 11 | 17 | 68.4 | | 12 | 17 | 66.9 | | 13 | 17 | 67.1 | | 14 | 17 | 67.8 |
| 10 | 18 | 68.9 | | 11 | 18 | 66 | | 12 | 18 | 67.6 | | 13 | 18 | 65.7 | | 14 | 18 | 66.7 |
| 10 | 19 | 72.7 | | 11 | 19 | 83.9 | | 12 | 19 | 70.4 | | 13 | 19 | 65.8 | | 14 | 19 | 66.3 |

**Grid G5 continued:**

| 15 | 0 | 89.1 | | 16 | 0 | 82.9 | | 17 | 0 | 92.7 | | 18 | 0 | 104.9 | | 19 | 0 | 123.3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 1 | 86.4 | | 16 | 1 | 87.7 | | 17 | 1 | 87.9 | | 18 | 1 | 101.9 | | 19 | 1 | 103.3 |
| 15 | 2 | 80.1 | | 16 | 2 | 85.1 | | 17 | 2 | 90 | | 18 | 2 | 97.1 | | 19 | 2 | 99.7 |
| 15 | 3 | 84.1 | | 16 | 3 | 83.4 | | 17 | 3 | 82.2 | | 18 | 3 | 85.5 | | 19 | 3 | 85.6 |
| 15 | 4 | 78.2 | | 16 | 4 | 75.5 | | 17 | 4 | 76.9 | | 18 | 4 | 78.6 | | 19 | 4 | 80.6 |
| 15 | 5 | 74.2 | | 16 | 5 | 74.4 | | 17 | 5 | 74.5 | | 18 | 5 | 74.6 | | 19 | 5 | 78.4 |
| 15 | 6 | 68.7 | | 16 | 6 | 72.8 | | 17 | 6 | 71.3 | | 18 | 6 | 76.9 | | 19 | 6 | 101 |
| 15 | 7 | 67.6 | | 16 | 7 | 68.4 | | 17 | 7 | 73 | | 18 | 7 | 75.2 | | 19 | 7 | 97.6 |
| 15 | 8 | 66.3 | | 16 | 8 | 66.9 | | 17 | 8 | 78.9 | | 18 | 8 | 72.4 | | 19 | 8 | 91.4 |
| 15 | 9 | 74.8 | | 16 | 9 | 66.4 | | 17 | 9 | 77.9 | | 18 | 9 | 77.4 | | 19 | 9 | 98.5 |
| 15 | 10 | 74.3 | | 16 | 10 | 84.5 | | 17 | 10 | 88.8 | | 18 | 10 | 94.9 | | 19 | 10 | 104.3 |
| 15 | 11 | 78.9 | | 16 | 11 | 89.8 | | 17 | 11 | 94.5 | | 18 | 11 | 98.5 | | 19 | 11 | 104.3 |
| 15 | 12 | 83.1 | | 16 | 12 | 90.5 | | 17 | 12 | 91.2 | | 18 | 12 | 92.9 | | 19 | 12 | 93.6 |
| 15 | 13 | 82 | | 16 | 13 | 85.7 | | 17 | 13 | 85.5 | | 18 | 13 | 83.3 | | 19 | 13 | 82.4 |
| 15 | 14 | 73.5 | | 16 | 14 | 68.8 | | 17 | 14 | 74.8 | | 18 | 14 | 75.8 | | 19 | 14 | 73.8 |
| 15 | 15 | 69.3 | | 16 | 15 | 66.5 | | 17 | 15 | 68 | | 18 | 15 | 72.1 | | 19 | 15 | 73.2 |
| 15 | 16 | 68.9 | | 16 | 16 | 69.2 | | 17 | 16 | 68.1 | | 18 | 16 | 68.8 | | 19 | 16 | 74.6 |
| 15 | 17 | 65.1 | | 16 | 17 | 71.2 | | 17 | 17 | 65.7 | | 18 | 17 | 66.6 | | 19 | 17 | 67.7 |
| 15 | 18 | 63.8 | | 16 | 18 | 67.1 | | 17 | 18 | 69.7 | | 18 | 18 | 70.1 | | 19 | 18 | 70.1 |
| 15 | 19 | 68.6 | | 16 | 19 | 68.1 | | 17 | 19 | 68.1 | | 18 | 19 | 61 | | 19 | 19 | 69.4 |

**Grid G6:**

| 0,0,66.174 | 1,0,69.337 | 2,0,68.272 | 3,0,69.274 | 4,0,67.489 | 5,0,63.762 | 6,0,58.188 |
|---|---|---|---|---|---|---|
| 0,1,66.299 | 1,1,69.713 | 2,1,70.433 | 3,1,75.068 | 4,1,69.587 | 5,1,63.606 | 6,1,60.724 |
| 0,2,68.930 | 1,2,71.560 | 2,2,73.251 | 3,2,72.531 | 4,2,70.026 | 5,2,68.272 | 6,2,61.789 |
| 0,3,71.278 | 1,3,70.496 | 2,3,70.370 | 3,3,67.896 | 4,3,68.303 | 5,3,69.305 | 6,3,64.702 |
| 0,4,69.587 | 1,4,70.120 | 2,4,68.867 | 3,4,67.583 | 4,4,70.120 | 5,4,68.209 | 6,4,66.048 |
| 0,5,70.182 | 1,5,73.251 | 2,5,70.120 | 3,5,68.115 | 4,5,66.925 | 5,5,66.393 | 6,5,65.234 |
| 0,6,73.345 | 1,6,72.312 | 2,6,75.381 | 3,6,71.184 | 4,6,71.686 | 5,6,68.366 | 6,6,67.270 |
| 0,7,74.066 | 1,7,75.005 | 2,7,72.876 | 3,7,68.460 | 4,7,70.276 | 5,7,72.061 | 6,7,68.084 |
| 0,8,71.466 | 1,8,73.158 | 2,8,74.849 | 3,8,68.710 | 4,8,71.560 | 5,8,70.527 | 6,8,70.120 |
| 0,9,67.552 | 1,9,69.493 | 2,9,74.880 | 3,9,69.305 | 4,9,64.608 | 5,9,66.362 | 6,9,69.149 |
| 0,10,68.898 | 1,10,73.220 | 2,10,70.433 | 3,10,64.890 | 4,10,61.946 | 5,10,66.080 | 6,10,67.270 |
| 0,11,65.297 | 1,11,68.366 | 2,11,60.161 | 3,11,58.720 | 4,11,62.854 | 5,11,64.295 | 6,11,63.668 |
| 0,12,65.109 | 1,12,66.988 | 2,12,63.919 | 3,12,59.941 | 4,12,63.011 | 5,12,65.359 | 6,12,64.608 |
| 0,13,62.510 | 1,13,64.013 | 2,13,68.648 | 3,13,63.230 | 4,13,61.977 | 5,13,64.514 | 6,13,65.579 |
| 0,14,60.380 | 1,14,62.416 | 2,14,65.172 | 3,14,64.389 | 4,14,66.236 | 5,14,66.111 | 6,14,66.769 |
| 0,15,63.919 | 1,15,66.205 | 2,15,67.113 | 3,15,69.838 | 4,15,67.019 | 5,15,65.860 | 6,15,63.950 |
| 0,16,62.259 | 1,16,64.576 | 2,16,68.961 | 3,16,72.813 | 4,16,69.086 | 5,16,65.954 | 6,16,67.332 |
| 0,17,59.346 | 1,17,66.017 | 2,17,69.399 | 3,17,75.475 | 4,17,71.936 | 5,17,71.372 | 6,17,72.813 |
| 0,18,62.854 | 1,18,65.109 | 2,18,72.750 | 3,18,73.220 | 4,18,73.345 | 5,18,79.828 | 6,18,84.682 |
| 0,19,63.762 | 1,19,66.831 | 2,19,67.145 | 3,19,74.442 | 4,19,81.551 | 5,19,86.311 | 6,19,90.038 |

**Grid G6 continued:**

| 7,0,55.745 | 8,0,53.239 | 9,0,55.119 | 10,0,54.837 | 11,0,54.962 | 12,0,53.490 | 13,0,59.315 |
|---|---|---|---|---|---|---|
| 7,1,55.870 | 8,1,53.647 | 9,1,55.087 | 10,1,55.526 | 11,1,53.960 | 12,1,56.215 | 13,1,59.503 |
| 7,2,60.098 | 8,2,57.060 | 9,2,54.993 | 10,2,55.651 | 11,2,57.217 | 12,2,58.689 | 13,2,62.228 |
| 7,3,61.413 | 8,3,56.716 | 9,3,55.808 | 10,3,56.403 | 11,3,55.933 | 12,3,58.657 | 13,3,59.691 |
| 7,4,60.505 | 8,4,60.818 | 9,4,58.783 | 10,4,57.874 | 11,4,57.342 | 12,4,57.937 | 13,4,58.470 |
| 7,5,61.539 | 8,5,61.163 | 9,5,61.914 | 10,5,60.944 | 11,5,61.319 | 12,5,61.445 | 13,5,60.192 |
| 7,6,68.460 | 8,6,62.416 | 9,6,64.389 | 10,6,62.196 | 11,6,60.474 | 12,6,63.073 | 13,6,62.353 |
| 7,7,67.865 | 8,7,65.359 | 9,7,62.697 | 10,7,63.794 | 11,7,60.474 | 12,7,63.167 | 13,7,65.485 |
| 7,8,71.372 | 8,8,71.811 | 9,8,65.735 | 10,8,64.639 | 11,8,66.174 | 12,8,65.109 | 13,8,67.646 |
| 7,9,70.809 | 8,9,68.084 | 9,9,66.111 | 10,9,66.330 | 11,9,64.389 | 12,9,64.921 | 13,9,67.646 |
| 7,10,68.554 | 8,10,72.500 | 9,10,66.456 | 10,10,67.959 | 11,10,67.145 | 12,10,65.986 | 13,10,66.424 |
| 7,11,66.017 | 8,11,71.247 | 9,11,69.525 | 10,11,65.422 | 11,11,64.670 | 12,11,64.107 | 13,11,66.800 |
| 7,12,66.048 | 8,12,68.209 | 9,12,68.397 | 10,12,64.451 | 11,12,59.660 | 12,12,65.078 | 13,12,67.959 |
| 7,13,64.827 | 8,13,64.545 | 9,13,67.646 | 10,13,62.228 | 11,13,64.044 | 12,13,66.925 | 13,13,67.364 |
| 7,14,67.019 | 8,14,65.704 | 9,14,64.764 | 10,14,67.332 | 11,14,68.616 | 12,14,70.245 | 13,14,69.807 |
| 7,15,63.543 | 8,15,67.301 | 9,15,64.357 | 10,15,66.925 | 11,15,70.339 | 12,15,72.813 | 13,15,70.558 |
| 7,16,65.391 | 8,16,67.959 | 9,16,64.576 | 10,16,66.769 | 11,16,71.122 | 12,16,70.057 | 13,16,69.055 |
| 7,17,73.439 | 8,17,70.151 | 9,17,69.493 | 10,17,70.370 | 11,17,70.903 | 12,17,70.809 | 13,17,70.621 |
| 7,18,84.181 | 8,18,76.352 | 9,18,73.408 | 10,18,77.918 | 11,18,70.871 | 12,18,74.003 | 13,18,75.851 |
| 7,19,81.331 | 8,19,78.450 | 9,19,71.936 | 10,19,77.793 | 11,19,74.504 | 12,19,69.243 | 13,19,73.439 |

| 14,0,62.353 | 15,0,58.939 | 16,0,59.941 | 17,0,62.791 | 18,0,66.205 | 19,0,69.243 |
|---|---|---|---|---|---|
| 14,1,59.879 | 15,1,61.288 | 16,1,62.510 | 17,1,64.733 | 18,1,72.155 | 19,1,76.477 |
| 14,2,63.324 | 15,2,63.073 | 16,2,59.440 | 17,2,63.042 | 18,2,67.677 | 19,2,75.694 |
| 14,3,60.818 | 15,3,58.751 | 16,3,55.870 | 17,3,58.031 | 18,3,63.230 | 19,3,69.775 |
| 14,4,57.655 | 15,4,57.248 | 16,4,55.212 | 17,4,57.029 | 18,4,59.096 | 19,4,67.896 |
| 14,5,56.747 | 15,5,58.376 | 16,5,57.311 | 17,5,58.751 | 18,5,61.914 | 19,5,67.301 |
| 14,6,64.796 | 15,6,59.221 | 16,6,60.129 | 17,6,59.409 | 18,6,62.854 | 19,6,73.345 |
| 14,7,65.704 | 15,7,65.109 | 16,7,60.944 | 17,7,60.881 | 18,7,71.873 | 19,7,76.759 |
| 14,8,67.301 | 15,8,67.583 | 16,8,64.326 | 17,8,64.858 | 18,8,73.815 | 19,8,81.425 |
| 14,9,67.238 | 15,9,66.612 | 16,9,65.579 | 17,9,66.174 | 18,9,80.455 | 19,9,84.150 |
| 14,10,68.710 | 15,10,70.683 | 16,10,65.109 | 17,10,71.811 | 18,10,74.285 | 19,10,79.296 |
| 14,11,70.308 | 15,11,74.535 | 16,11,77.605 | 17,11,76.227 | 18,11,78.889 | 19,11,83.805 |
| 14,12,66.863 | 15,12,75.099 | 16,12,78.983 | 17,12,81.488 | 18,12,78.106 | 19,12,82.866 |
| 14,13,67.614 | 15,13,70.652 | 16,13,78.012 | 17,13,82.177 | 18,13,80.548 | 19,13,80.768 |
| 14,14,64.263 | 15,14,70.934 | 16,14,83.398 | 17,14,85.027 | 18,14,79.327 | 19,14,80.298 |
| 14,15,68.397 | 15,15,76.540 | 16,15,85.340 | 17,15,80.016 | 18,15,81.895 | 19,15,77.072 |
| 14,16,69.399 | 15,16,75.131 | 16,16,82.083 | 17,16,86.624 | 18,16,86.311 | 19,16,89.192 |
| 14,17,73.158 | 15,17,74.911 | 16,17,83.367 | 17,17,91.009 | 18,17,96.364 | 19,17,91.322 |
| 14,18,77.542 | 15,18,77.166 | 16,18,84.338 | 17,18,92.512 | 18,18,102.721 | 19,18,97.836 |
| 14,19,78.513 | 15,19,78.701 | 16,19,79.296 | 17,19,89.380 | 18,19,91.290 | 19,19,97.836 |