

Heaven and Earth Designs

Westie With Tartan Chair

(Large Format)

Chart No: HAETRL110

Chart Design by Michele Sayetta

Artwork by Thomas Rivers Lovelace



Finished Design Size 450 W by 377 H (18 W X 15 H inches on 25ct fabric)
(This Chart contains 89 Colors)

Heaven and Earth Designs LLC

33555 Wild Daffodil Ln.

Warrenton Or. 97146

320-214-7998

www.heavenandearthdesigns.com

Copyright Heaven and Earth Designs 2012

Copyright Thomas Rivers Lovelace 2012

Instructions

Congratulations on buying a **Heaven and Earth Designs LLC** Cross Stitch Chart. We hope it will bring you many hours of pleasurable stitching and believe the final result will be something to love and admire forever.

Included with your chart is a clear plastic bag to protect your chart, and a coded thread list for the threads you will need to complete your project. Our charts are designed to use DMC stranded cotton threads and, where appropriate, Kreinik metallic thread.

Chart Instructions:

1. This chart is made up of several numbered pages beginning at the top left corner of the first page. The pages of chart are laid out from left to right in rows e.g. 1 2 3 4, 5 6 7 8. Although each chart is marked with arrows which indicate the centre, we believe you will find it easier to begin from the top left corner of page 1 and follow the chart page by page to the bottom right corner of the last page.
2. We recommend you stitch your design on either 18 count Aida or 25 count Linen. using 2 strands over one in each case.
3. At the top of the thread list you will find our recommendation for the fabric colour. We recommend purchasing a piece of fabric that equates to the design size plus 3 inches [75mm] all around, to allow for framing and matting.
4. Because of the large number of stitches, we have found it to be easier if you stitch one 10X10 grid at a time and then continue on to the next 10 x 10 grid.
5. Stitch each page until it is completed and then move on to the next. On each page there is a number at the top left that indicates the page number. On each corner is a number in parenthesis that indicates the connecting page, unless there is not one.
6. Under International Copyright Laws, you may copy the chart for your own use. We recommend that you use a copy as your working document. You may also wish to enlarge the pages to make the symbols easier to read.

If you have any questions regarding this chart please feel free to contact us.

Heaven and Earth Designs LLC
320-214-7998

<http://www.heavenandearthdesigns.com>

Pattern Name: Westie with Tartan Chair-Lovelace

Designed By: Michele Sayetta

































Company: Heaven and Earth Designs LLC











































Copyright: 2012 ®
















Fabric: Linen 25, White
450w X 377h Stitches

Size: 25 Count, 18w X 15h in

Floss Used for Full Stitches:

| Symbol | Strands | Type | Number | Color |
|--|---------|------|--------|---------------------|
|  | 2 | DMC | 032 | Kreinik #4 |
|  | 2 | DMC | 152 | Shell Pink-MD LT |
|  | 2 | DMC | 160 | Gray Blue-MD |
|  | 2 | DMC | 169 | Pewter-LT |
|  | 2 | DMC | 223 | Shell Pink-LT |
|  | 2 | DMC | 224 | Shell Pink-VY LT |
|  | 2 | DMC | 225 | Shell Pink-UL VY LT |
|  | 2 | DMC | 300 | Mahogany-VY DK |
|  | 2 | DMC | 301 | Mahogany-MD |
|  | 2 | DMC | 310 | Black |
|  | 2 | DMC | 315 | Antique Mauve-VY DK |
|  | 2 | DMC | 317 | Pewter Gray |
|  | 2 | DMC | 318 | Steel Gray-LT |
|  | 2 | DMC | 356 | Terra Cotta-MD |
|  | 2 | DMC | 400 | Mahogany-DK |
|  | 2 | DMC | 402 | Mahogany-VY LT |
|  | 2 | DMC | 413 | Pewter Gray-DK |
|  | 2 | DMC | 414 | Steel Gray-DK |
|  | 2 | DMC | 415 | Pearl Gray |
|  | 2 | DMC | 434 | Brown-LT |
|  | 2 | DMC | 435 | Brown-VY LT |
|  | 2 | DMC | 436 | Tan |
|  | 2 | DMC | 451 | Shell Gray-DK |
|  | 2 | DMC | 452 | Shell Gray-MD |
|  | 2 | DMC | 453 | Shell Gray-LT |
|  | 2 | DMC | 535 | Ash Gray-VY LT |
|  | 2 | DMC | 611 | Drab Brown |
|  | 2 | DMC | 612 | Drab Brown-LT |
|  | 2 | DMC | 645 | Beaver Gray-VY DK |
|  | 2 | DMC | 647 | Beaver Gray-MD |
|  | 2 | DMC | 648 | Beaver Gray-LT |
|  | 2 | DMC | 738 | Tan-VY LT |





































| Symbol | Strands | Type | Number | Color |
|--|---------|------|----------|---------------------|
|  | L | 2 | DMC 758 | Terra Cotta-VYLT |
|  | ⚙ | 2 | DMC 760 | Salmon |
|  | ⌘ | 2 | DMC 762 | Pearl Gray-VYLT |
|  | ∞ | 2 | DMC 779 | Cocoa-DK |
|  | ⋈ | 2 | DMC 780 | Topaz-ULVYDK |
|  | ^ | 2 | DMC 801 | Coffee Brown-DK |
|  | ⌘ | 2 | DMC 815 | Garnet-MD |
|  | # | 2 | DMC 819 | Baby Pink-LT |
|  | 2 | 2 | DMC 823 | Navy Blue-DK |
|  | H | 2 | DMC 844 | Beaver Brown-ULDK |
|  | ⊗ | 2 | DMC 902 | Garnet-VYDK |
|  | ⌘ | 2 | DMC 918 | Red Copper-DK |
|  | ⋈ | 2 | DMC 919 | Red Copper |
|  | ⌘ | 2 | DMC 920 | Copper-MD |
|  | ⌘ | 2 | DMC 921 | Copper |
|  | 4 | 2 | DMC 930 | Antique Blue-DK |
|  | 6 | 2 | DMC 934 | Black Avocado Green |
|  | 5 | 2 | DMC 936 | Avocado Green-VYDK |
|  | ⌘ | 2 | DMC 938 | Coffee Brown-ULDK |
|  | ⌘ | 2 | DMC 939 | Navy Blue-VYDK |
|  | ⌘ | 2 | DMC 950 | Desert Sand-LT |
|  | ⌘ | 2 | DMC 951 | Tawny-LT |
|  | ⌘ | 2 | DMC 976 | Golden Brown-MD |
|  | ⌘ | 2 | DMC 977 | Golden Brown-LT |
|  | ⌘ | 2 | DMC 3011 | Khaki Green-DK |
|  | ⌘ | 2 | DMC 3023 | Brown Gray-LT |
|  | □ | 2 | DMC 3024 | Brown Gray-VYLT |
|  | e | 2 | DMC 3031 | Mocha Brown-VYDK |
|  | ⊗ | 2 | DMC 3041 | Antique Violet-MD |
|  | ⌘ | 2 | DMC 3042 | Antique Violet-LT |
|  | ⌘ | 2 | DMC 3354 | Dusty Rose-LT |
|  | ♣ | 2 | DMC 3364 | Pine Green |
|  | 0 | 2 | DMC 3371 | Black Brown |
|  | * | 2 | DMC 3721 | Shell Pink-DK |
|  | ⌘ | 2 | DMC 3722 | Shell Pink-MD |
|  | ⌘ | 2 | DMC 3727 | Antique Mauve-LT |
|  | ♠ | 2 | DMC 3743 | Antique Violet-VYLT |
|  | ⌘ | 2 | DMC 3770 | Tawny-VYLT |
|  | ■ | 2 | DMC 3773 | Desert Sand-MD |
|  | ⌘ | 2 | DMC 3776 | Mahogany-LT |
|  | Ⓢ | 2 | DMC 3778 | Terra Cotta-LT |
|  | ⌘ | 2 | DMC 3781 | Mocha Brown-DK |











































| Symbol | Strands | Type | Number | Color |
|--|---------|------|--------|----------------------|
|  ↘ | 2 | DMC | 3787 | Brown Gray-DK |
|  ◇ | 2 | DMC | 3799 | Pewter Gray-VYDK |
|  ❄ | 2 | DMC | 3825 | Pumpkin-Pale |
|  ● | 2 | DMC | 3830 | Terra Cotta-MD |
|  ☆ | 2 | DMC | 3853 | Autumn Gold-DK |
|  √ | 2 | DMC | 3856 | Mahogany-UL VY LT |
|  ⊙ | 2 | DMC | 3858 | Rosewood-MD |
|  ✦ | 2 | DMC | 3859 | Rosewood-LT |
|  ☾ | 2 | DMC | 3860 | Cocoa |
|  ♥ | 2 | DMC | 3861 | Cocoa-LT |
|  c | 2 | DMC | 3862 | Mocha Beige-DK |
|  ◆ | 2 | DMC | 3863 | Mocha Beige-MD |
|  a | 2 | DMC | 3864 | Mocha Beige-LT |
|  ▼ | 2 | DMC | 3865 | Winter White |
|  ▲ | 2 | DMC | 3866 | Mocha Brown-UL VY LT |












Usage Summary

Strands Per Skein: 6

Skein Length: 313.0 in

| Type | Number | Full | Half | Quarter | Petite | Back(in) | Str(in) | Spec(in) | French | Bead | Skein Est. |
|--|--------|------|------|---------|--------|----------|---------|----------|--------|-------|------------|
|  DMC 032 | 2858 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 152 | 723 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 160 | 39 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 169 | 190 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 223 | 666 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 224 | 956 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 225 | 1831 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 300 | 5183 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 2.000 | |
|  DMC 301 | 1421 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 310 | 21205 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 6.000 | |
|  DMC 315 | 901 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 317 | 1786 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 318 | 199 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 356 | 1588 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 400 | 1911 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 402 | 416 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 413 | 1329 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 414 | 684 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 415 | 125 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 434 | 1101 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 435 | 842 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 436 | 604 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 451 | 1808 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 452 | 1272 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 453 | 1006 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 535 | 1095 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 611 | 152 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 612 | 126 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 645 | 314 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 647 | 281 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 648 | 293 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 738 | 27 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 758 | 572 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 760 | 151 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 762 | 77 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 779 | 4439 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 2.000 | |

| Type | Number | Full | Half | Quarter | Petite | Back(in) | Str(in) | Spec(in) | French | Bead | Skein Est. |
|---|--------|-------|------|---------|--------|----------|---------|----------|--------|------|------------|
|  DMC 780 | 780 | 1039 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 801 | 801 | 4016 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 2.000 |
|  DMC 815 | 815 | 702 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 819 | 819 | 2081 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 823 | 823 | 1791 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 844 | 844 | 1375 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 902 | 902 | 1909 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 918 | 918 | 2040 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 919 | 919 | 1449 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 920 | 920 | 899 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 921 | 921 | 232 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 930 | 930 | 765 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 934 | 934 | 6801 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 2.000 |
|  DMC 936 | 936 | 487 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 938 | 938 | 11478 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 4.000 |
|  DMC 939 | 939 | 2579 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 950 | 950 | 1319 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 951 | 951 | 742 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 976 | 976 | 227 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 977 | 977 | 173 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3011 | 3011 | 113 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3023 | 3023 | 69 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3024 | 3024 | 386 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3031 | 3031 | 5619 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 2.000 |
|  DMC 3041 | 3041 | 1359 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3042 | 3042 | 263 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3354 | 3354 | 76 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3364 | 3364 | 14 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3371 | 3371 | 16526 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 5.000 |
|  DMC 3721 | 3721 | 952 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3722 | 3722 | 1070 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3727 | 3727 | 255 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3743 | 3743 | 154 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3770 | 3770 | 1468 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3773 | 3773 | 1071 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3776 | 3776 | 380 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3778 | 3778 | 1067 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3781 | 3781 | 2014 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3787 | 3787 | 2532 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3799 | 3799 | 4180 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 2.000 |
|  DMC 3825 | 3825 | 216 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |
|  DMC 3830 | 3830 | 1489 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 |

| Type | Number | Full | Half | Quarter | Petite | Back(in) | Str(in) | Spec(in) | French | Bead | Skein Est. |
|---|--------|------|------|---------|--------|----------|---------|----------|--------|-------|------------|
|  DMC 3853 | 14 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 3856 | 89 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 3858 | 1895 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 3859 | 1766 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 3860 | 6004 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 2.000 | |
|  DMC 3861 | 2654 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 3862 | 1922 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 3863 | 2163 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 3864 | 662 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |
|  DMC 3865 | 10653 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 3.000 | |
|  DMC 3866 | 280 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 1.000 | |

| | 10 | | | | | | | | | | 20 | | | | | | | | | | 30 | | | | | | | | | | 40 | | | | | | | | | | 50 | | | | | | | | | | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

[illegible]

| | 130 | 140 | 150 | 160 | 170 | 180 |
|----|-----|-----|-----|-----|-----|-----|
| 10 | | | | | | |
| 20 | | | | | | |
| 30 | | | | | | |
| 40 | | | | | | |
| 50 | | | | | | |
| 60 | | | | | | |
| 70 | | | | | | |
| 80 | | | | | | |

| | 190 | 200 | 210 | 220 | 230 | 240 | 250 |
|------|-----|-----|-----|-----|-----|-----|-----|
| 10 | C | Y | Y | Y | Y | Y | Y |
| 20 | C | Y | Y | Y | Y | Y | Y |
| 30 | C | Y | Y | Y | Y | Y | Y |
| 40 | C | Y | Y | Y | Y | Y | Y |
| 50 | C | Y | Y | Y | Y | Y | Y |
| 60 | C | Y | Y | Y | Y | Y | Y |
| 70 | C | Y | Y | Y | Y | Y | Y |
| 80 | C | Y | Y | Y | Y | Y | Y |
| 90 | C | Y | Y | Y | Y | Y | Y |
| 100 | C | Y | Y | Y | Y | Y | Y |
| 110 | C | Y | Y | Y | Y | Y | Y |
| 120 | C | Y | Y | Y | Y | Y | Y |
| 130 | C | Y | Y | Y | Y | Y | Y |
| 140 | C | Y | Y | Y | Y | Y | Y |
| 150 | C | Y | Y | Y | Y | Y | Y |
| 160 | C | Y | Y | Y | Y | Y | Y |
| 170 | C | Y | Y | Y | Y | Y | Y |
| 180 | C | Y | Y | Y | Y | Y | Y |
| 190 | C | Y | Y | Y | Y | Y | Y |
| 200 | C | Y | Y | Y | Y | Y | Y |
| 210 | C | Y | Y | Y | Y | Y | Y |
| 220 | C | Y | Y | Y | Y | Y | Y |
| 230 | C | Y | Y | Y | Y | Y | Y |
| 240 | C | Y | Y | Y | Y | Y | Y |
| 250 | C | Y | Y | Y | Y | Y | Y |
| 260 | C | Y | Y | Y | Y | Y | Y |
| 270 | C | Y | Y | Y | Y | Y | Y |
| 280 | C | Y | Y | Y | Y | Y | Y |
| 290 | C | Y | Y | Y | Y | Y | Y |
| 300 | C | Y | Y | Y | Y | Y | Y |
| 310 | C | Y | Y | Y | Y | Y | Y |
| 320 | C | Y | Y | Y | Y | Y | Y |
| 330 | C | Y | Y | Y | Y | Y | Y |
| 340 | C | Y | Y | Y | Y | Y | Y |
| 350 | C | Y | Y | Y | Y | Y | Y |
| 360 | C | Y | Y | Y | Y | Y | Y |
| 370 | C | Y | Y | Y | Y | Y | Y |
| 380 | C | Y | Y | Y | Y | Y | Y |
| 390 | C | Y | Y | Y | Y | Y | Y |
| 400 | C | Y | Y | Y | Y | Y | Y |
| 410 | C | Y | Y | Y | Y | Y | Y |
| 420 | C | Y | Y | Y | Y | Y | Y |
| 430 | C | Y | Y | Y | Y | Y | Y |
| 440 | C | Y | Y | Y | Y | Y | Y |
| 450 | C | Y | Y | Y | Y | Y | Y |
| 460 | C | Y | Y | Y | Y | Y | Y |
| 470 | C | Y | Y | Y | Y | Y | Y |
| 480 | C | Y | Y | Y | Y | Y | Y |
| 490 | C | Y | Y | Y | Y | Y | Y |
| 500 | C | Y | Y | Y | Y | Y | Y |
| 510 | C | Y | Y | Y | Y | Y | Y |
| 520 | C | Y | Y | Y | Y | Y | Y |
| 530 | C | Y | Y | Y | Y | Y | Y |
| 540 | C | Y | Y | Y | Y | Y | Y |
| 550 | C | Y | Y | Y | Y | Y | Y |
| 560 | C | Y | Y | Y | Y | Y | Y |
| 570 | C | Y | Y | Y | Y | Y | Y |
| 580 | C | Y | Y | Y | Y | Y | Y |
| 590 | C | Y | Y | Y | Y | Y | Y |
| 600 | C | Y | Y | Y | Y | Y | Y |
| 610 | C | Y | Y | Y | Y | Y | Y |
| 620 | C | Y | Y | Y | Y | Y | Y |
| 630 | C | Y | Y | Y | Y | Y | Y |
| 640 | C | Y | Y | Y | Y | Y | Y |
| 650 | C | Y | Y | Y | Y | Y | Y |
| 660 | C | Y | Y | Y | Y | Y | Y |
| 670 | C | Y | Y | Y | Y | Y | Y |
| 680 | C | Y | Y | Y | Y | Y | Y |
| 690 | C | Y | Y | Y | Y | Y | Y |
| 700 | C | Y | Y | Y | Y | Y | Y |
| 710 | C | Y | Y | Y | Y | Y | Y |
| 720 | C | Y | Y | Y | Y | Y | Y |
| 730 | C | Y | Y | Y | Y | Y | Y |
| 740 | C | Y | Y | Y | Y | Y | Y |
| 750 | C | Y | Y | Y | Y | Y | Y |
| 760 | C | Y | Y | Y | Y | Y | Y |
| 770 | C | Y | Y | Y | Y | Y | Y |
| 780 | C | Y | Y | Y | Y | Y | Y |
| 790 | C | Y | Y | Y | Y | Y | Y |
| 800 | C | Y | Y | Y | Y | Y | Y |
| 810 | C | Y | Y | Y | Y | Y | Y |
| 820 | C | Y | Y | Y | Y | Y | Y |
| 830 | C | Y | Y | Y | Y | Y | Y |
| 840 | C | Y | Y | Y | Y | Y | Y |
| 850 | C | Y | Y | Y | Y | Y | Y |
| 860 | C | Y | Y | Y | Y | Y | Y |
| 870 | C | Y | Y | Y | Y | Y | Y |
| 880 | C | Y | Y | Y | Y | Y | Y |
| 890 | C | Y | Y | Y | Y | Y | Y |
| 900 | C | Y | Y | Y | Y | Y | Y |
| 910 | C | Y | Y | Y | Y | Y | Y |
| 920 | C | Y | Y | Y | Y | Y | Y |
| 930 | C | Y | Y | Y | Y | Y | Y |
| 940 | C | Y | Y | Y | Y | Y | Y |
| 950 | C | Y | Y | Y | Y | Y | Y |
| 960 | C | Y | Y | Y | Y | Y | Y |
| 970 | C | Y | Y | Y | Y | Y | Y |
| 980 | C | Y | Y | Y | Y | Y | Y |
| 990 | C | Y | Y | Y | Y | Y | Y |
| 1000 | C | Y | Y | Y | Y | Y | Y |

[illegible]

$$(14) \quad \frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}, \quad \frac{d}{dt} \left(\frac{\partial L}{\partial \dot{y}} \right) = \frac{\partial L}{\partial y}, \quad \frac{d}{dt} \left(\frac{\partial L}{\partial \dot{z}} \right) = \frac{\partial L}{\partial z}$$

[illegible]

[illegible]






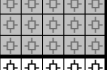
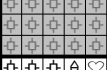

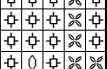



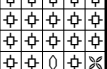




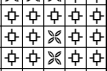


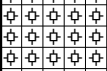






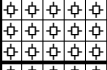








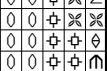



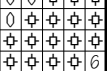

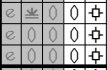


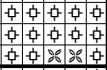
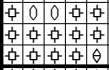



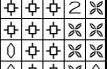

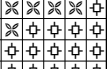
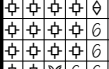


[illegible]

| | 70 | 80 | 90 | 100 | 110 | 120 |
|-----|----|----|----|-----|-----|-----|
| 80 | 0 | 0 | 0 | 0 | 0 | 0 |
| 81 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82 | 0 | 0 | 0 | 0 | 0 | 0 |
| 83 | 0 | 0 | 0 | 0 | 0 | 0 |
| 84 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89 | 0 | 0 | 0 | 0 | 0 | 0 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 |
| 91 | 0 | 0 | 0 | 0 | 0 | 0 |
| 92 | 0 | 0 | 0 | 0 | 0 | 0 |
| 93 | 0 | 0 | 0 | 0 | 0 | 0 |
| 94 | 0 | 0 | 0 | 0 | 0 | 0 |
| 95 | 0 | 0 | 0 | 0 | 0 | 0 |
| 96 | 0 | 0 | 0 | 0 | 0 | 0 |
| 97 | 0 | 0 | 0 | 0 | 0 | 0 |
| 98 | 0 | 0 | 0 | 0 | 0 | 0 |
| 99 | 0 | 0 | 0 | 0 | 0 | 0 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| 101 | 0 | 0 | 0 | 0 | 0 | 0 |
| 102 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103 | 0 | 0 | 0 | 0 | 0 | 0 |
| 104 | 0 | 0 | 0 | 0 | 0 | 0 |
| 105 | 0 | 0 | 0 | 0 | 0 | 0 |
| 106 | 0 | 0 | 0 | 0 | 0 | 0 |
| 107 | 0 | 0 | 0 | 0 | 0 | 0 |
| 108 | 0 | 0 | 0 | 0 | 0 | 0 |
| 109 | 0 | 0 | 0 | 0 | 0 | 0 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 | 0 | 0 | 0 | 0 | 0 | 0 |
| 112 | 0 | 0 | 0 | 0 | 0 | 0 |
| 113 | 0 | 0 | 0 | 0 | 0 | 0 |
| 114 | 0 | 0 | 0 | 0 | 0 | 0 |
| 115 | 0 | 0 | 0 | 0 | 0 | 0 |
| 116 | 0 | 0 | 0 | 0 | 0 | 0 |
| 117 | 0 | 0 | 0 | 0 | 0 | 0 |
| 118 | 0 | 0 | 0 | 0 | 0 | 0 |
| 119 | 0 | 0 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 |
| 121 | 0 | 0 | 0 | 0 | 0 | 0 |
| 122 | 0 | 0 | 0 | 0 | 0 | 0 |
| 123 | 0 | 0 | 0 | 0 | 0 | 0 |
| 124 | 0 | 0 | 0 | 0 | 0 | 0 |
| 125 | 0 | 0 | 0 | 0 | 0 | 0 |
| 126 | 0 | 0 | 0 | 0 | 0 | 0 |
| 127 | 0 | 0 | 0 | 0 | 0 | 0 |
| 128 | 0 | 0 | 0 | 0 | 0 | 0 |
| 129 | 0 | 0 | 0 | 0 | 0 | 0 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 |
| 131 | 0 | 0 | 0 | 0 | 0 | 0 |
| 132 | 0 | 0 | 0 | 0 | 0 | 0 |
| 133 | 0 | 0 | 0 | 0 | 0 | 0 |
| 134 | 0 | 0 | 0 | 0 | 0 | 0 |
| 135 | 0 | 0 | 0 | 0 | 0 | 0 |
| 136 | 0 | 0 | 0 | 0 | 0 | 0 |
| 137 | 0 | 0 | 0 | 0 | 0 | 0 |
| 138 | 0 | 0 | 0 | 0 | 0 | 0 |
| 139 | 0 | 0 | 0 | 0 | 0 | 0 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 |
| 141 | 0 | 0 | 0 | 0 | 0 | 0 |
| 142 | 0 | 0 | 0 | 0 | 0 | 0 |
| 143 | 0 | 0 | 0 | 0 | 0 | 0 |
| 144 | 0 | 0 | 0 | 0 | 0 | 0 |
| 145 | 0 | 0 | 0 | 0 | 0 | 0 |
| 146 | 0 | 0 | 0 | 0 | 0 | 0 |
| 147 | 0 | 0 | 0 | 0 | 0 | 0 |
| 148 | 0 | 0 | 0 | 0 | 0 | 0 |
| 149 | 0 | 0 | 0 | 0 | 0 | 0 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 |
| 151 | 0 | 0 | 0 | 0 | 0 | 0 |
| 152 | 0 | 0 | 0 | 0 | 0 | 0 |
| 153 | 0 | 0 | 0 | 0 | 0 | 0 |
| 154 | 0 | 0 | 0 | 0 | 0 | 0 |
| 155 | 0 | 0 | 0 | 0 | 0 | 0 |
| 156 | 0 | 0 | 0 | 0 | 0 | 0 |
| 157 | 0 | 0 | 0 | 0 | 0 | 0 |
| 158 | 0 | 0 | 0 | 0 | 0 | 0 |
| 159 | 0 | 0 | 0 | 0 | 0 | 0 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 |

| | 130 | | | | | | | | | | 140 | | | | | | | | | | 150 | | | | | | | | | | 160 | | | | | | | | | | 170 | | | | | | | | | | 180 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|--|--|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 130 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 140 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 150 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | 190 | 200 | 210 | 220 | 230 | 240 | 250 |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 113 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 114 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 115 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 116 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 117 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 118 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 119 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 121 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 122 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 123 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 124 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 125 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 126 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 127 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 128 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 129 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 131 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 132 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 133 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 134 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 135 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 136 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 137 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 138 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 139 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 141 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 142 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 143 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 144 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 145 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 146 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 147 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 148 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 149 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | 250 | | | | | | 260 | | | | | | | 270 | | | | | | | | 280 | | | | | | | | | 290 | | | | | | | | | 300 | | | | | | | | | 310 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|-----|--|--|--|--|--|-----|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | 310 | 320 | 330 | 340 | 350 | 360 | 370 |
|-----|---|---|---|---|---|---|---|
| 80 |  |  |  |  |  |  |  |
| 90 |  |  |  |  |  |  |  |
| 100 |  |  |  |  |  |  |  |
| 110 |  |  |  |  |  |  |  |
| 120 |  |  |  |  |  |  |  |
| 130 |  |  |  |  |  |  |  |
| 140 |  |  |  |  |  |  |  |
| 150 |  |  |  |  |  |  |  |

[illegible]

[illegible]

| | 10 | 20 | 30 | 40 | 50 | 60 |
|-----|----|----|----|----|----|----|
| 160 | Y | Y | Y | Y | Y | Y |
| 170 | Y | Y | Y | Y | Y | Y |
| 180 | Y | Y | Y | Y | Y | Y |
| 190 | Y | Y | Y | Y | Y | Y |
| 200 | Y | Y | Y | Y | Y | Y |
| 210 | Y | Y | Y | Y | Y | Y |
| 220 | Y | Y | Y | Y | Y | Y |
| 230 | Y | Y | Y | Y | Y | Y |

$$(26) \quad \dots \quad (27)$$

(28)

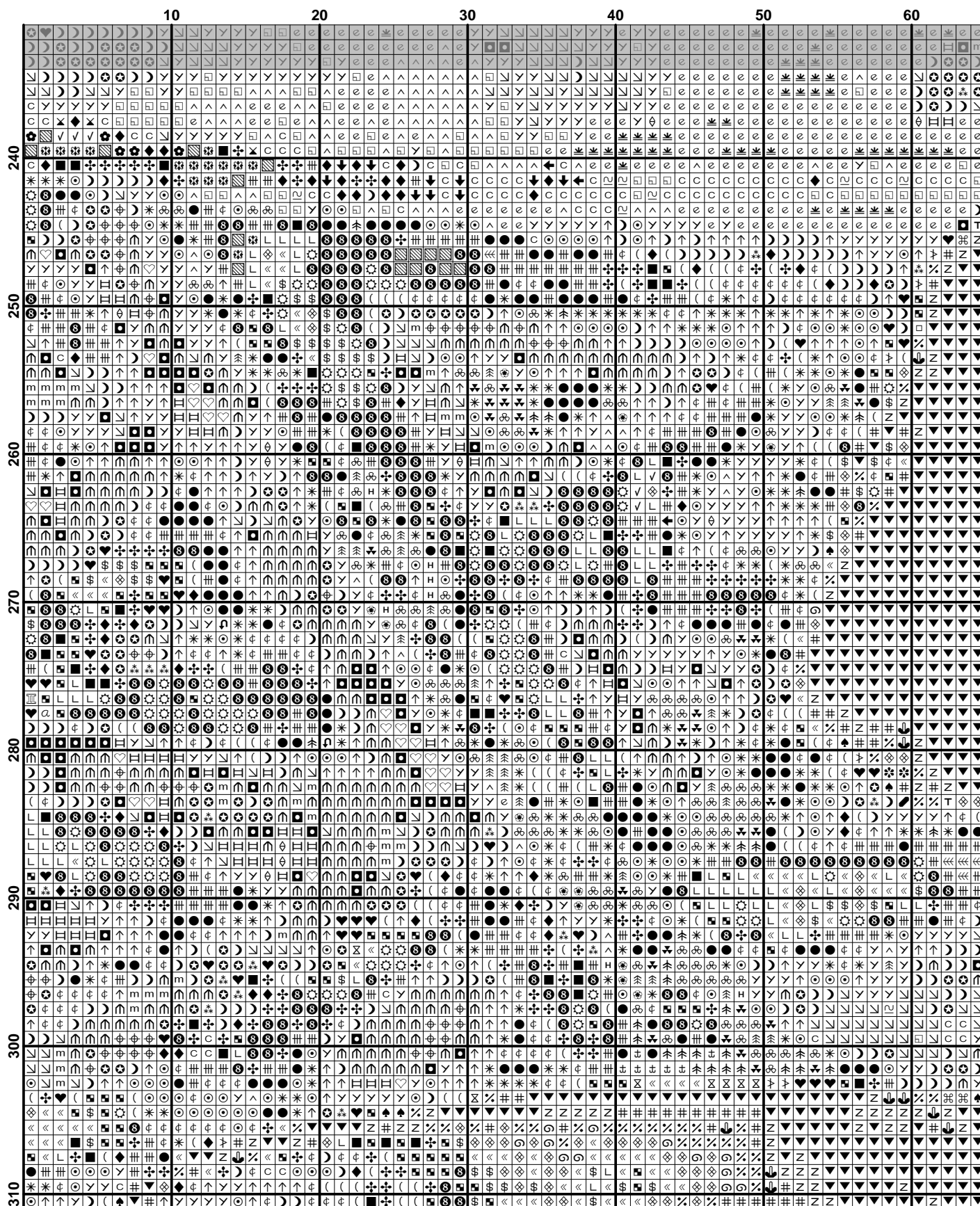
| | 190 | 200 | 210 | 220 | 230 | 240 | 250 |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 160 | ... | ... | ... | ... | ... | ... | ... |
| 170 | ... | ... | ... | ... | ... | ... | ... |
| 180 | ... | ... | ... | ... | ... | ... | ... |
| 190 | ... | ... | ... | ... | ... | ... | ... |
| 200 | ... | ... | ... | ... | ... | ... | ... |
| 210 | ... | ... | ... | ... | ... | ... | ... |
| 220 | ... | ... | ... | ... | ... | ... | ... |
| 230 | ... | ... | ... | ... | ... | ... | ... |

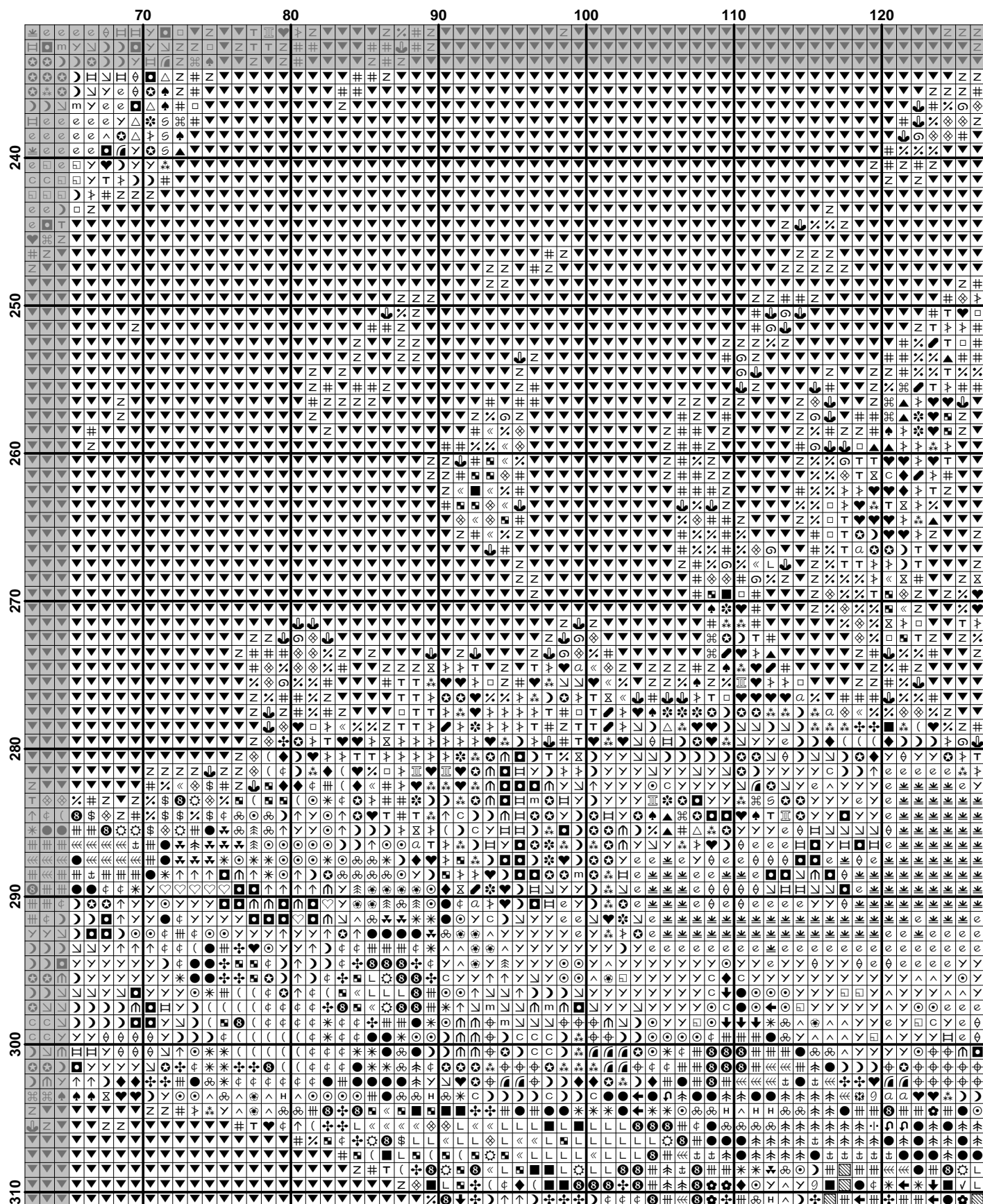
| | 250 | 260 | 270 | 280 | 290 | 300 | 310 |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 160 | ... | ... | ... | ... | ... | ... | ... |
| 170 | ... | ... | ... | ... | ... | ... | ... |
| 180 | ... | ... | ... | ... | ... | ... | ... |
| 190 | ... | ... | ... | ... | ... | ... | ... |
| 200 | ... | ... | ... | ... | ... | ... | ... |
| 210 | ... | ... | ... | ... | ... | ... | ... |
| 220 | ... | ... | ... | ... | ... | ... | ... |
| 230 | ... | ... | ... | ... | ... | ... | ... |

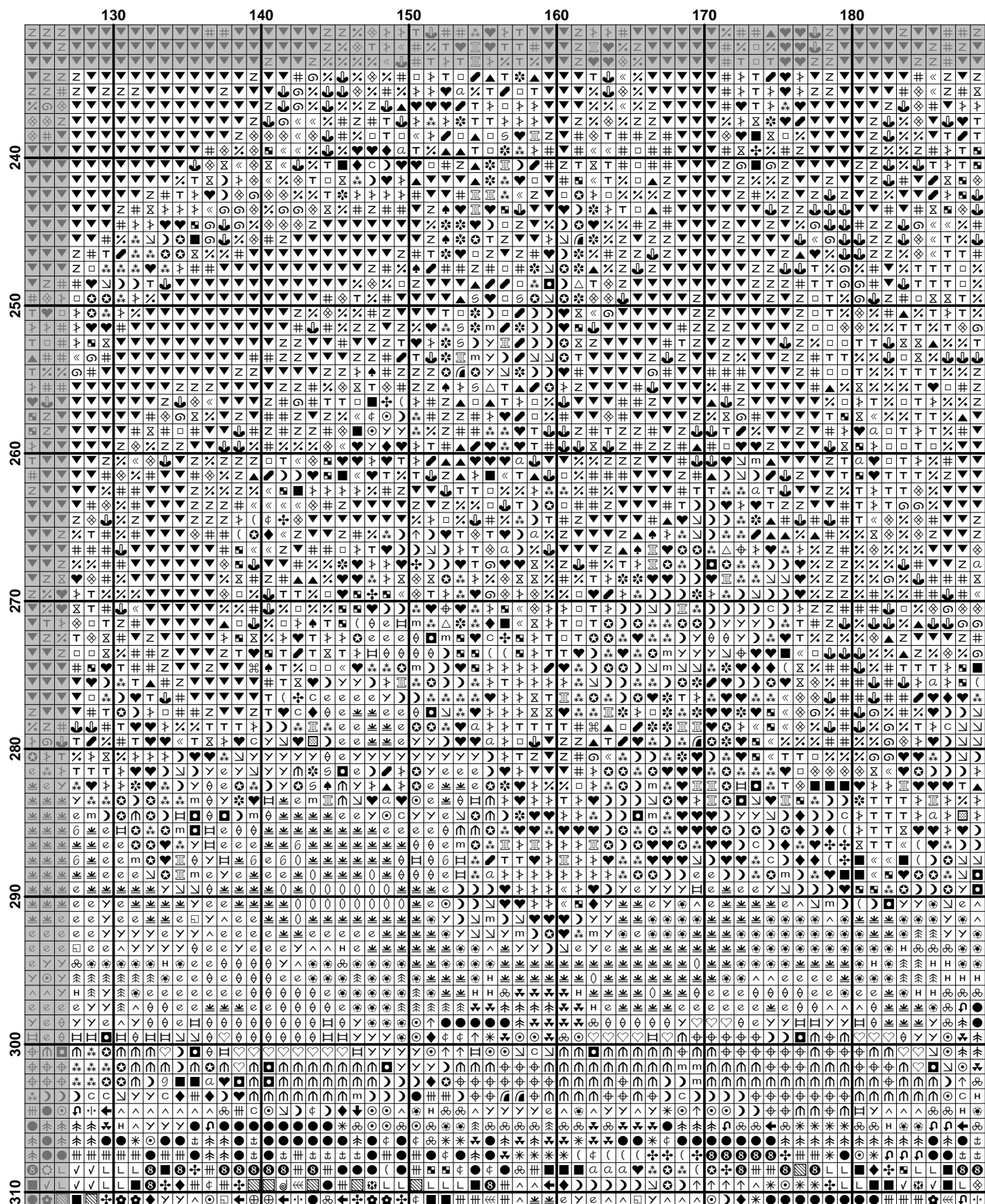
(31)

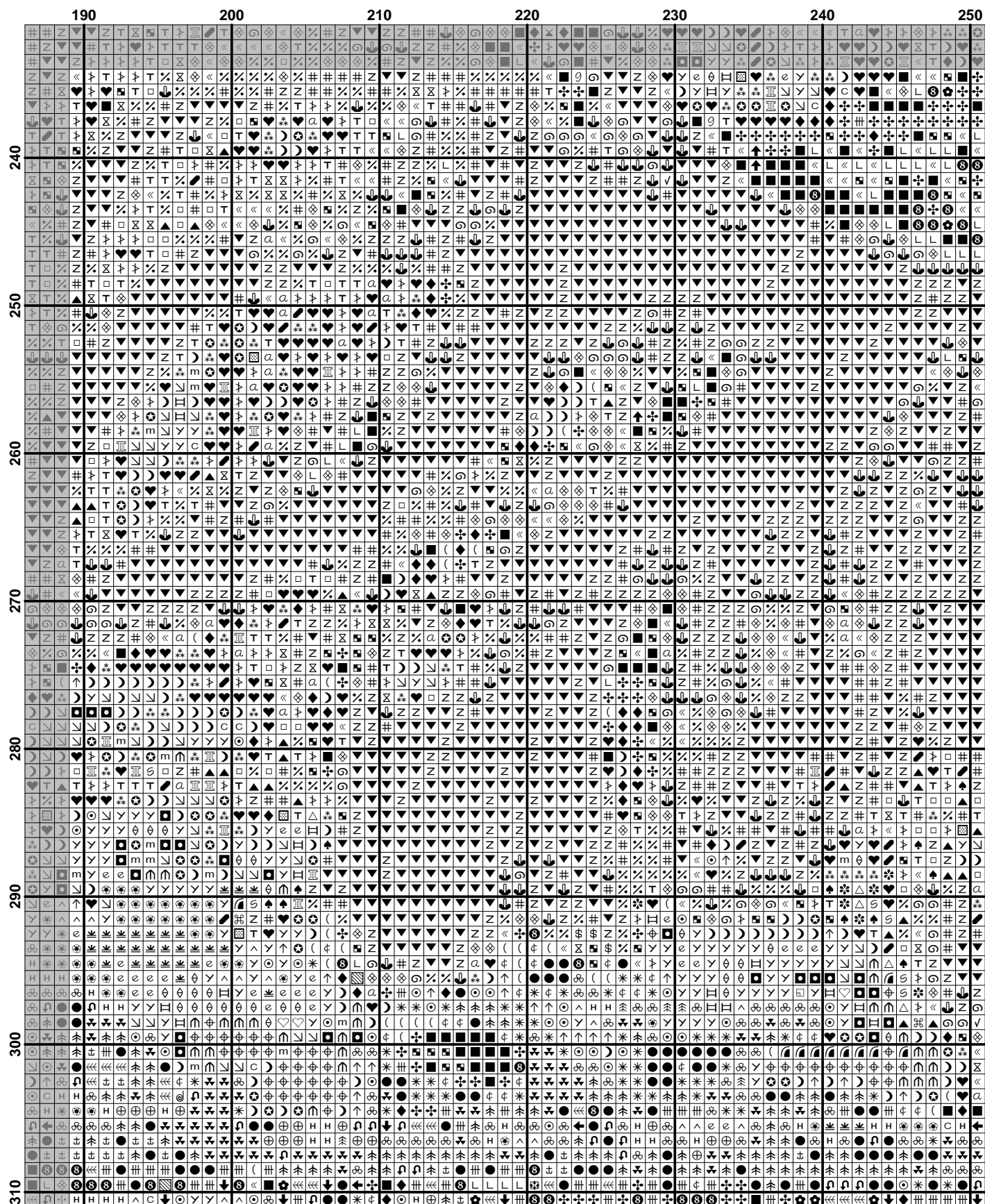
[illegible]

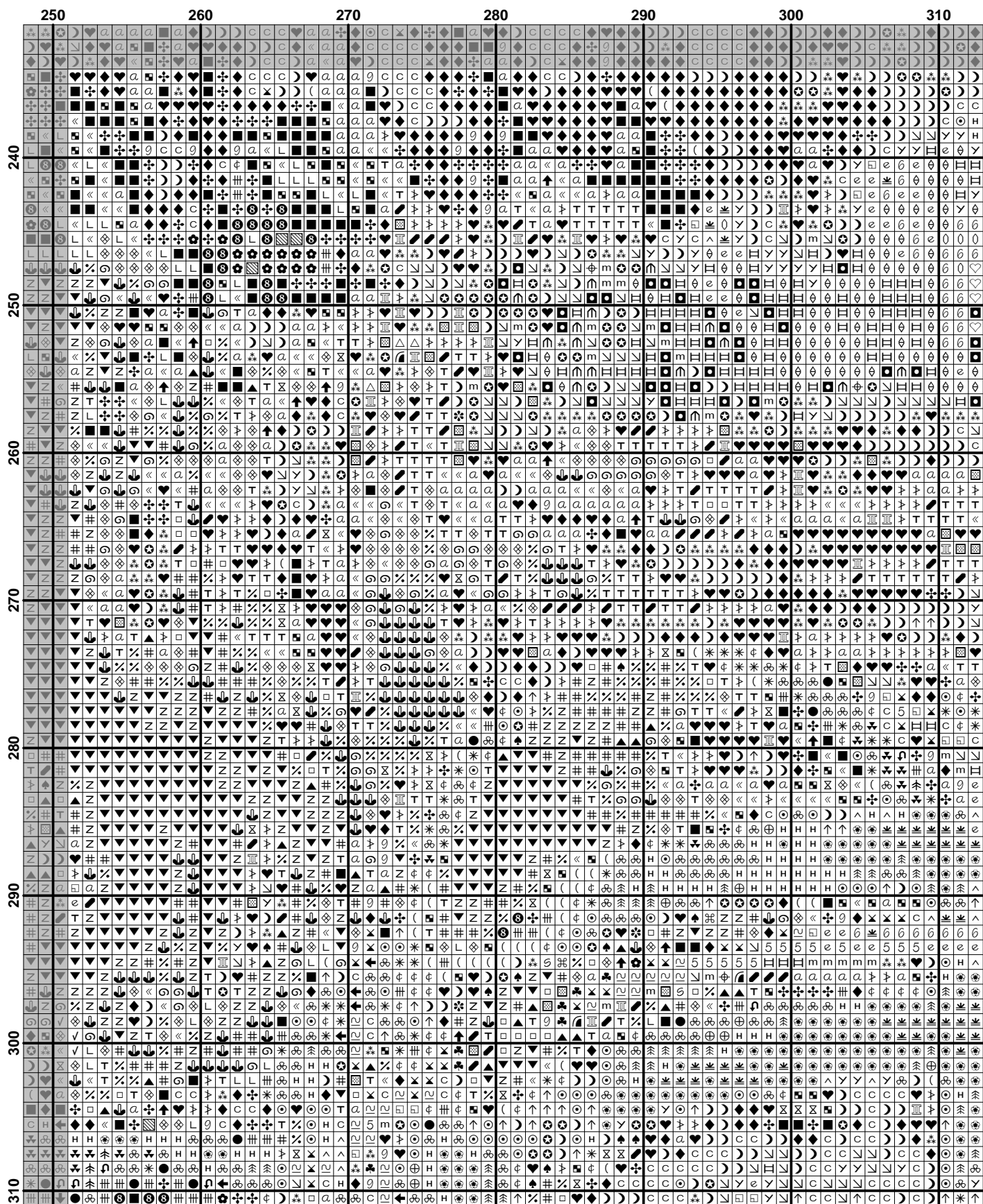
[illegible]









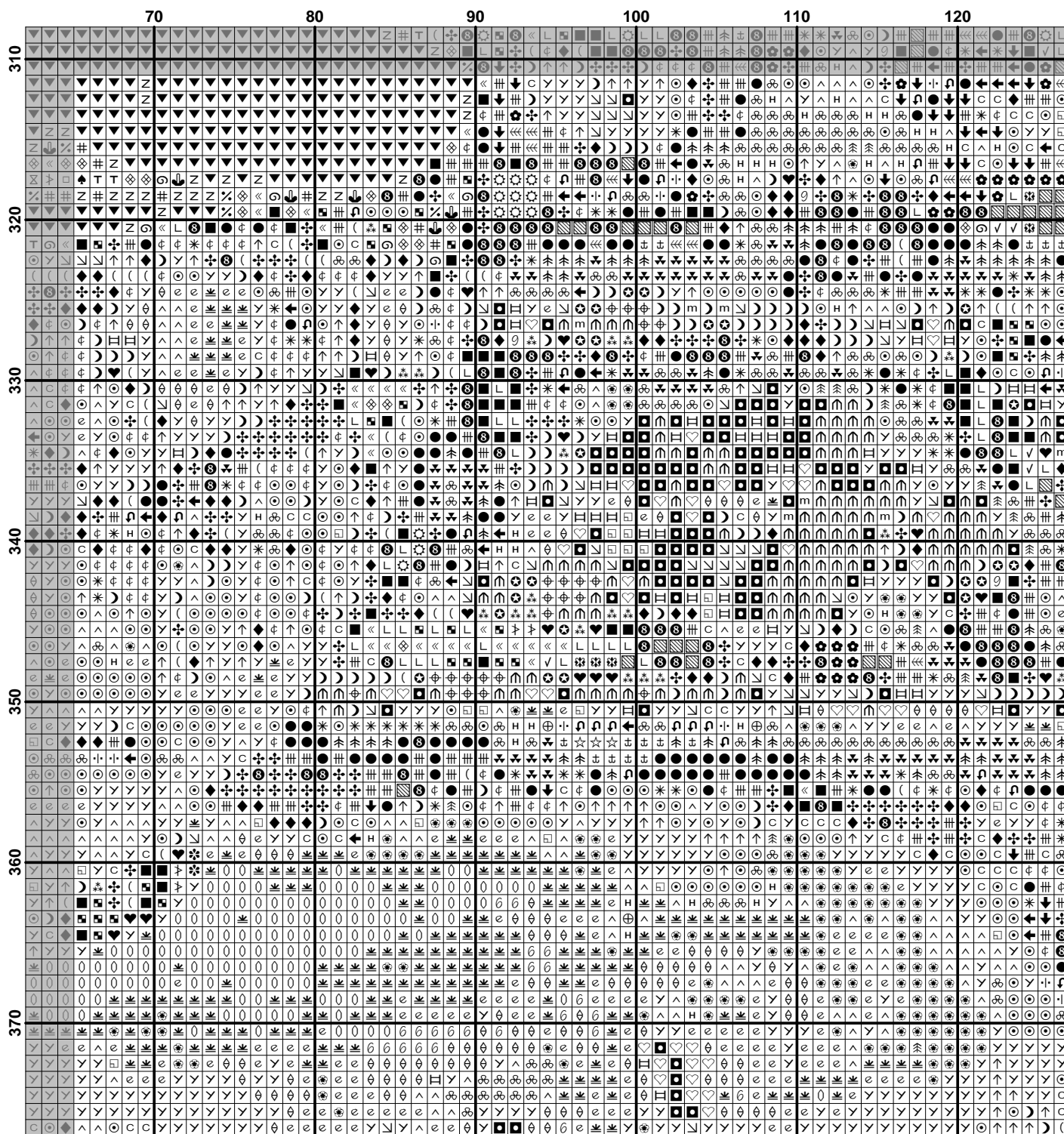


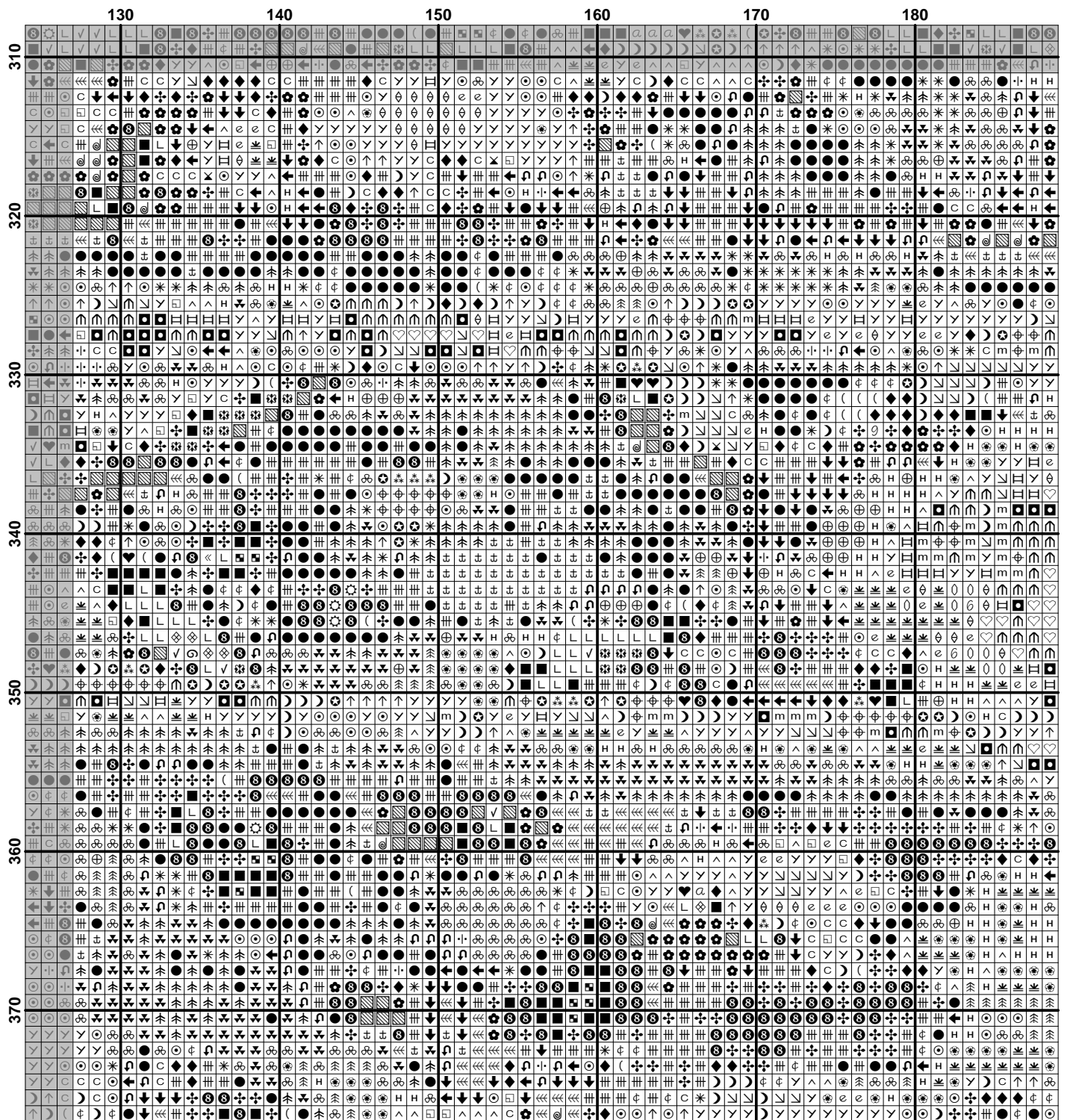
(39)

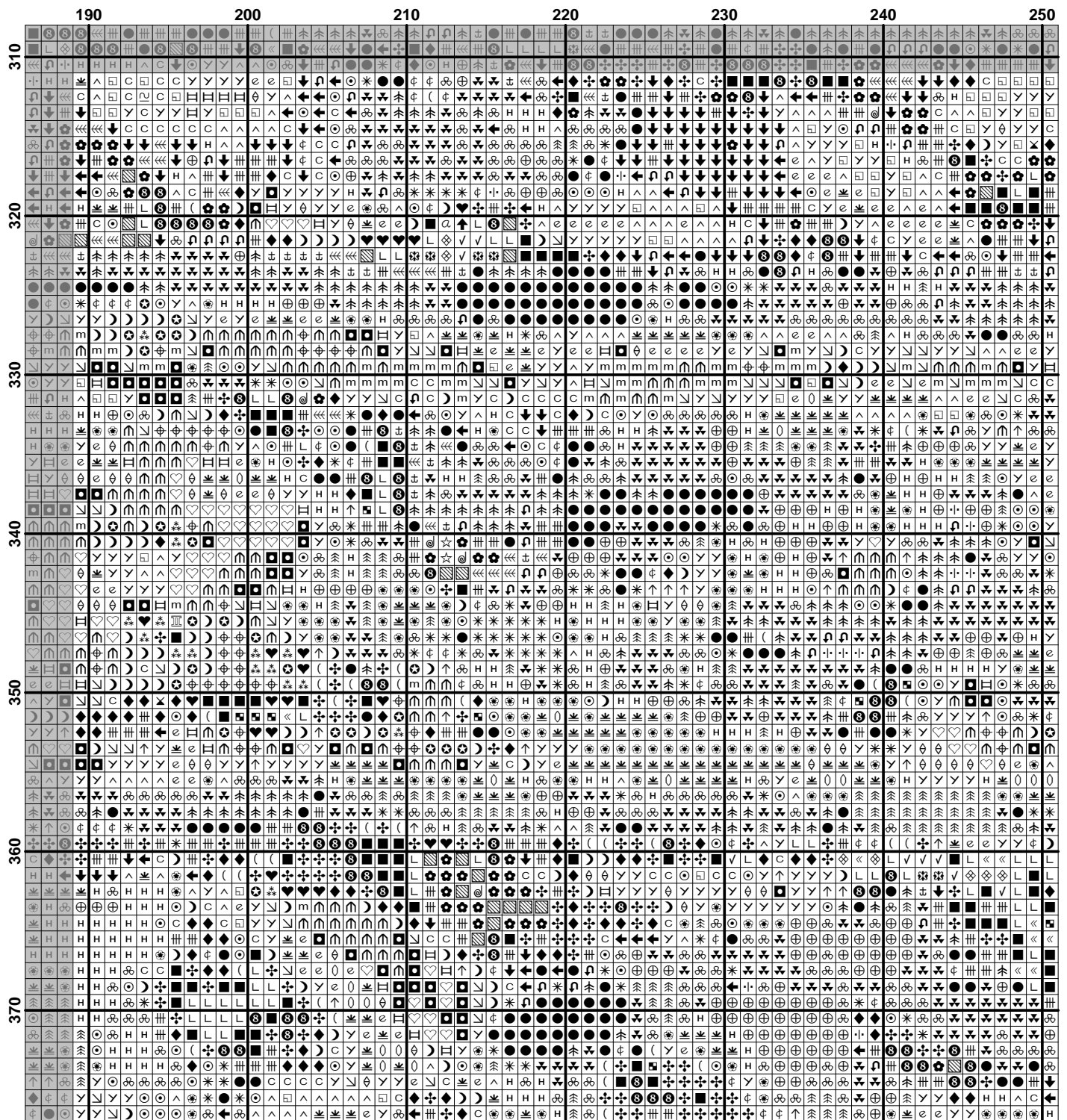
[illegible]

[illegible]

| | 10 | 20 | 30 | 40 | 50 | 60 |
|-----|-----|-----|-----|-----|-----|-----|
| 310 | ... | ... | ... | ... | ... | ... |
| 320 | ... | ... | ... | ... | ... | ... |
| 330 | ... | ... | ... | ... | ... | ... |
| 340 | ... | ... | ... | ... | ... | ... |
| 350 | ... | ... | ... | ... | ... | ... |
| 360 | ... | ... | ... | ... | ... | ... |
| 370 | ... | ... | ... | ... | ... | ... |







| | 250 | 260 | 270 | 280 | 290 | 300 | 310 |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 310 | | | | | | | |
| 320 | | | | | | | |
| 330 | | | | | | | |
| 340 | | | | | | | |
| 350 | | | | | | | |
| 360 | | | | | | | |
| 370 | | | | | | | |

