

## 547 The Four Evangelists



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## Instructions

Thank you for choosing Golden Kite products!  
We hope you will have lots of fun with this cross-stitch pattern!

### Fabric

Press the fabric with an iron if needed. A good thing to prevent the fabric from fraying is to machine zigzag the edges.

It is easiest to start in the center of the design. To locate the center of the fabric, fold the fabric in half both vertically and horizontally. The center is located where these two folds meet.

### Stitches

Each length of DMC thread consists of six strands.

Use two of these strands for all stitches.

Note that some colors may be mixes (or blends) between two different pure colors. In that case take one strand of the two colors each and thread the two strands into the needle at the same time for stitching.

All stitches are full cross-stitches. No half-stitching and no back-stitching is necessary in this pattern.

All cross-stitches will be worked into the holes in the fabric from left to right. Always use the larger holes in the fabric for the stitches. Adjacent stitches should meet in the same hole. Make sure all stitches cross in the same direction.

Please be careful when washing the finished embroidery! The cotton thread may bleed when washed. Only hand wash it in lukewarm water. Remove excess water by roll it in a towel and lay it flat to air dry. Natural fabrics may shrink slightly when washed. We do not recommend washing the embroidery if not absolutely necessary and we take no responsibility for any damage that may occur.

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## The Four Evangelists

| Stitch Count |     |
|--------------|-----|
| Horizontal:  | 600 |
| Vertical:    | 495 |

| Recommended Fabric Color |
|--------------------------|
| Antique White            |

This table tells the size of the pattern (without any margins) and the size of the fabric required to stitch the pattern (including recommended margins). 3 inch margins have been added on each side in the 'Including Margins' row.

The sizes are given for 14, 16 and 18 stitches per inch fabrics.

Make sure to use the 'Including Margins' row when cutting the piece of fabric to be used. Also make sure that 3 inch margins are enough for your stitching technique and add more margin areas if necessary.

|                    | 14    |       |        |       | 16    |       |        |       | 18    |       |        |       |
|--------------------|-------|-------|--------|-------|-------|-------|--------|-------|-------|-------|--------|-------|
|                    | Width |       | Height |       | Width |       | Height |       | Width |       | Height |       |
|                    | cm    | inch  | cm     | inch  | cm    | inch  | cm     | inch  | cm    | inch  | cm     | inch  |
| Pattern:           | 109   | 42.75 | 90     | 35.35 | 95    | 37.4  | 79     | 30.93 | 85    | 33.25 | 70     | 27.5  |
| Including Margins: | 125   | 49    | 106    | 42    | 111   | 44    | 95     | 37    | 101   | 40    | 86     | 34    |
|                    | 10    |       |        |       | 12    |       |        |       | 24    |       |        |       |
|                    | Width |       | Height |       | Width |       | Height |       | Width |       | Height |       |
|                    | cm    | inch  | cm     | inch  | cm    | inch  | cm     | inch  | cm    | inch  | cm     | inch  |
| Pattern:           | 152   | 59.85 | 126    | 49.49 | 127   | 49.87 | 105    | 41.24 | 63    | 24.93 | 52     | 20.62 |
| Including Margins: | 168   | 66    | 142    | 56    | 143   | 56    | 121    | 48    | 79    | 31    | 68     | 27    |
|                    | 25    |       |        |       | 26    |       |        |       | 27    |       |        |       |
|                    | Width |       | Height |       | Width |       | Height |       | Width |       | Height |       |
|                    | cm    | inch  | cm     | inch  | cm    | inch  | cm     | inch  | cm    | inch  | cm     | inch  |
| Pattern:           | 61    | 23.94 | 50     | 19.79 | 58    | 23.01 | 48     | 19.03 | 56    | 22.16 | 46     | 18.32 |
| Including Margins: | 77    | 30    | 66     | 26    | 74    | 30    | 64     | 26    | 72    | 29    | 62     | 25    |
|                    | 28    |       |        |       | 30    |       |        |       | 32    |       |        |       |
|                    | Width |       | Height |       | Width |       | Height |       | Width |       | Height |       |
|                    | cm    | inch  | cm     | inch  | cm    | inch  | cm     | inch  | cm    | inch  | cm     | inch  |
| Pattern:           | 54    | 21.37 | 45     | 17.67 | 50    | 19.95 | 42     | 16.49 | 47    | 18.7  | 39     | 15.46 |
| Including Margins: | 70    | 28    | 61     | 24    | 66    | 26    | 58     | 23    | 63    | 25    | 55     | 22    |

| Solid Color Stitches. Use two strands of the specified color for these stitches. |     |                       |
|--|-----|-----------------------|
| Symbol   | DMC | Name                  |
| ←  | 221 | Shell Pink-VY DK      |
| △  | 300 | Mahogany-VY DK        |
| ■  | 310 | Black                 |
| ◆  | 319 | Pistachio Green-VY DK |
| ⬇  | 370 | Mustard-MD            |
|  | 371 | Mustard               |
| ⊕  | 400 | Mahogany-DK           |
| ⊕⊕   | 420 | Hazelnut Brown-DK     |
| 9  | 422 | Hazelnut Brown-LT     |
| ⊕  | 433 | Brown-MD              |
| ■  | 434 | Brown-LT              |
| ★  | 435 | Brown-VY LT           |
| ◇  | 436 | Tan                   |
| ⬆  | 437 | Tan-LT                |
| ⑤  | 500 | Blue Green-VY DK      |
| ¼  | 522 | Fern Green            |
| ♠  | 610 | Drab Brown-DK         |
| ⇒  | 611 | Drab Brown            |
| 3  | 613 | Drab Brown-VY LT      |
| ✚  | 632 | Desert Sand-UL VY DK  |
| ≡  | 645 | Beaver Gray-VY DK     |
| ⊕  | 680 | Old Gold-DK           |
| ⊕  | 729 | Old Gold-MD           |
| ■  | 730 | Olive Green-VY DK     |
| ⊕  | 731 | Olive Green-DK        |
| ↑  | 734 | Olive Green-LT        |
| •  | 745 | Yellow-LT Pale        |
| ◇  | 780 | Topaz-UL VY DK        |
| ⌘  | 782 | Topaz-DK              |
| ⊕  | 783 | Topaz-MD              |
| ↑  | 801 | Coffee Brown-DK       |
| †  | 829 | Golden Olive-VY DK    |
| ⊕  | 830 | Golden Olive-DK       |
| L  | 832 | Golden Olive          |
| ⊗  | 833 | Golden Olive-LT       |
| ○  | 834 | Golden Olive-VY LT    |
| ✕  | 838 | Beige Brown-VY DK     |

|   |      |                      |
|---|------|----------------------|
| ↓ | 839  | Beige Brown-DK       |
| ⊕ | 844  | Beaver Brown-UL DK   |
| + | 869  | Hazelnut Brown-VY DK |
| ⊕ | 898  | Coffee Brown-VY DK   |
| ● | 934  | Black Avocado Green  |
| ▨ | 935  | Avocado Green-DK     |
| ➔ | 936  | Avocado Green-VY DK  |
| ✱ | 937  | Avocado Green-MD     |
| ● | 938  | Coffee Brown-UL DK   |
| ↘ | 975  | Golden Brown-DK      |
| ⬆ | 3011 | Khaki Green-DK       |
| ↘ | 3012 | Khaki Green-MD       |
| m | 3013 | Khaki Green-LT       |
| ▨ | 3021 | Brown Gray-VY DK     |
| ⊕ | 3022 | Brown Gray-MD        |
| ↓ | 3023 | Brown Gray-LT        |
| ⊕ | 3031 | Mocha Brown-VY DK    |
| ⬆ | 3045 | Yellow Beige-DK      |
| 5 | 3046 | Yellow Beige-MD      |
| ✱ | 3051 | Green Gray-DK        |
| ✱ | 3052 | Green Gray-MD        |
| ≈ | 3053 | Green Gray           |
| 0 | 3348 | Yellow Green-LT      |
| ● | 3362 | Pine Green-DK        |
| ⬆ | 3363 | Pine Green-MD        |
| ∇ | 3364 | Pine Green           |
| ■ | 3371 | Black Brown          |
| ⊕ | 3772 | Desert Sand-VY DK    |
| ✕ | 3781 | Mocha Brown-DK       |
| ✱ | 3787 | Brown Gray-DK        |
| ⌘ | 3790 | Beige Gray-UL DK     |
| ↓ | 3799 | Pewter Gray-VY DK    |
| ➤ | 3820 | Straw-DK             |
| + | 3822 | Straw-LT             |
| ↔ | 3828 | Hazelnut Brown       |
| ✱ | 3829 | Old Gold-VY DK       |
| u | 3855 | Autumn Gold-LT       |
| ▲ | 3858 | Rosewood-MD          |
| ⊕ | 3862 | Mocha Beige-DK       |

Blend Stitches. Use one strand of each of DMC1 and DMC2 for these stitches.

| Symbol | DMC1 | Name1                | DMC2 | Name2                |
|--------|------|----------------------|------|----------------------|
| ▼      | 839  | Beige Brown-DK       | 610  | Drab Brown-DK        |
| Φ      | 434  | Brown-LT             | 420  | Hazelnut Brown-DK    |
| ●      | 934  | Black Avocado Green  | 935  | Avocado Green-DK     |
| ✚      | 400  | Mahogany-DK          | 780  | Topaz-UL VY DK       |
| ♥      | 935  | Avocado Green-DK     | 3799 | Pewter Gray-VY DK    |
| ♣      | 3021 | Brown Gray-VY DK     | 3781 | Mocha Brown-DK       |
| ✚      | 838  | Beige Brown-VY DK    | 3021 | Brown Gray-VY DK     |
| ✚      | 3858 | Rosewood-MD          | 433  | Brown-MD             |
| ☆      | 838  | Beige Brown-VY DK    | 801  | Coffee Brown-DK      |
| ☐      | 3790 | Beige Gray-UL DK     | 731  | Olive Green-DK       |
| ⌘      | 729  | Old Gold-MD          | 435  | Brown-VY LT          |
|        | 734  | Olive Green-LT       | 3045 | Yellow Beige-DK      |
| ✚      | 3829 | Old Gold-VY DK       | 780  | Topaz-UL VY DK       |
| ☐      | 3011 | Khaki Green-DK       | 3051 | Green Gray-DK        |
| Φ      | 3363 | Pine Green-MD        | 3790 | Beige Gray-UL DK     |
| τ      | 613  | Drab Brown-VY LT     | 3855 | Autumn Gold-LT       |
| (      | 739  | Tan-UL VY LT         | 745  | Yellow-LT Pale       |
| ☐      | 420  | Hazelnut Brown-DK    | 632  | Desert Sand-UL VY DK |
| #      | 3828 | Hazelnut Brown       | 3772 | Desert Sand-VY DK    |
| 4      | 437  | Tan-LT               | 436  | Tan                  |
| Z      | 3364 | Pine Green           | 371  | Mustard              |
| 2      | 3820 | Straw-DK             | 3822 | Straw-LT             |
| ☐      | 420  | Hazelnut Brown-DK    | 3829 | Old Gold-VY DK       |
| ≡      | 729  | Old Gold-MD          | 834  | Golden Olive-VY LT   |
| //     | 832  | Golden Olive         | 833  | Golden Olive-LT      |
| \$     | 731  | Olive Green-DK       | 3012 | Khaki Green-MD       |
| ✚      | 435  | Brown-VY LT          | 783  | Topaz-MD             |
| ×      | 3820 | Straw-DK             | 833  | Golden Olive-LT      |
| ≡      | 3052 | Green Gray-MD        | 645  | Beaver Gray-VY DK    |
| ☐      | 869  | Hazelnut Brown-VY DK | 632  | Desert Sand-UL VY DK |

This table specifies how much thread of each color is required to stitch this pattern. It is good to know that one complete DMC skein contains 313 inches (795 cm) thread.

| DMC  | Name                  | Usage (cm) | Usage (inch) | Usage (cm) | Usage (inch) | Usage (cm) | Usage (inch) |
|------|-----------------------|------------|--------------|------------|--------------|------------|--------------|
|      |                       | 14         |              | 16         |              | 18         |              |
| 221  | Shell Pink-VY DK      | 51         | 20           | 49         | 19           | 44         | 17           |
| 300  | Mahogany-VY DK        | 189        | 74           | 180        | 70           | 162        | 63           |
| 310  | Black                 | 10236      | 4029         | 9749       | 3838         | 8774       | 3454         |
| 319  | Pistachio Green-VY DK | 21         | 8            | 20         | 7            | 18         | 7            |
| 370  | Mustard-MD            | 345        | 135          | 328        | 129          | 296        | 116          |
| 371  | Mustard               | 989        | 389          | 942        | 370          | 848        | 333          |
| 400  | Mahogany-DK           | 302        | 118          | 288        | 113          | 259        | 101          |
| 420  | Hazelnut Brown-DK     | 1412       | 555          | 1345       | 529          | 1210       | 476          |
| 422  | Hazelnut Brown-LT     | 276        | 108          | 263        | 103          | 236        | 92           |
| 433  | Brown-MD              | 1281       | 504          | 1220       | 480          | 1098       | 432          |
| 434  | Brown-LT              | 197        | 77           | 187        | 73           | 168        | 66           |
| 435  | Brown-VY LT           | 800        | 314          | 762        | 300          | 685        | 269          |
| 436  | Tan                   | 335        | 131          | 319        | 125          | 287        | 112          |
| 437  | Tan-LT                | 78         | 30           | 74         | 29           | 67         | 26           |
| 500  | Blue Green-VY DK      | 729        | 287          | 694        | 273          | 625        | 246          |
| 522  | Fern Green            | 249        | 98           | 237        | 93           | 213        | 83           |
| 610  | Drab Brown-DK         | 1892       | 744          | 1802       | 709          | 1622       | 638          |
| 611  | Drab Brown            | 1705       | 671          | 1623       | 638          | 1461       | 575          |
| 613  | Drab Brown-VY LT      | 578        | 227          | 551        | 216          | 496        | 195          |
| 632  | Desert Sand-UL VY DK  | 473        | 186          | 450        | 177          | 405        | 159          |
| 645  | Beaver Gray-VY DK     | 214        | 84           | 204        | 80           | 183        | 72           |
| 680  | Old Gold-DK           | 235        | 92           | 223        | 87           | 201        | 79           |
| 729  | Old Gold-MD           | 670        | 263          | 638        | 251          | 575        | 226          |
| 730  | Olive Green-VY DK     | 122        | 48           | 116        | 45           | 104        | 40           |
| 731  | Olive Green-DK        | 1415       | 557          | 1348       | 530          | 1213       | 477          |
| 734  | Olive Green-LT        | 422        | 166          | 402        | 158          | 362        | 142          |
| 739  | Tan-UL VY LT          | 110        | 43           | 104        | 40           | 94         | 37           |
| 745  | Yellow-LT Pale        | 158        | 62           | 150        | 59           | 135        | 53           |
| 780  | Topaz-UL VY DK        | 355        | 139          | 338        | 133          | 304        | 119          |
| 782  | Topaz-DK              | 50         | 19           | 48         | 18           | 43         | 16           |
| 783  | Topaz-MD              | 308        | 121          | 293        | 115          | 264        | 103          |
| 801  | Coffee Brown-DK       | 1869       | 735          | 1780       | 700          | 1602       | 630          |
| 829  | Golden Olive-VY DK    | 208        | 81           | 198        | 77           | 179        | 70           |
| 830  | Golden Olive-DK       | 382        | 150          | 363        | 142          | 327        | 128          |
| 832  | Golden Olive          | 513        | 201          | 488        | 192          | 440        | 173          |
| 833  | Golden Olive-LT       | 946        | 372          | 901        | 354          | 811        | 319          |
| 834  | Golden Olive-VY LT    | 760        | 299          | 723        | 284          | 651        | 256          |
| 838  | Beige Brown-VY DK     | 1584       | 623          | 1508       | 593          | 1357       | 534          |
| 839  | Beige Brown-DK        | 1867       | 735          | 1778       | 700          | 1601       | 630          |
| 844  | Beaver Brown-UL DK    | 702        | 276          | 669        | 263          | 602        | 237          |
| 869  | Hazelnut Brown-VY DK  | 357        | 140          | 340        | 133          | 306        | 120          |
| 898  | Coffee Brown-VY DK    | 367        | 144          | 349        | 137          | 314        | 123          |
| 934  | Black Avocado Green   | 5250       | 2066         | 5000       | 1968         | 4500       | 1771         |
| 935  | Avocado Green-DK      | 3175       | 1250         | 3024       | 1190         | 2722       | 1071         |
| 936  | Avocado Green-VY DK   | 360        | 141          | 343        | 135          | 309        | 121          |
| 937  | Avocado Green-MD      | 27         | 10           | 25         | 9            | 23         | 9            |
| 938  | Coffee Brown-UL DK    | 1316       | 518          | 1254       | 493          | 1128       | 444          |
| 975  | Golden Brown-DK       | 495        | 194          | 471        | 185          | 424        | 166          |
| 3011 | Khaki Green-DK        | 3424       | 1348         | 3261       | 1283         | 2934       | 1155         |
| 3012 | Khaki Green-MD        | 1811       | 712          | 1725       | 679          | 1552       | 611          |
| 3013 | Khaki Green-LT        | 1209       | 475          | 1151       | 453          | 1036       | 407          |
| 3021 | Brown Gray-VY DK      | 3258       | 1282         | 3103       | 1221         | 2793       | 1099         |
| 3022 | Brown Gray-MD         | 253        | 99           | 241        | 94           | 216        | 85           |

|      |                   |      |      |      |      |      |      |
|------|-------------------|------|------|------|------|------|------|
| 3023 | Brown Gray-LT     | 19   | 7    | 18   | 7    | 16   | 6    |
| 3031 | Mocha Brown-VY DK | 1875 | 738  | 1786 | 703  | 1607 | 632  |
| 3045 | Yellow Beige-DK   | 638  | 251  | 608  | 239  | 547  | 215  |
| 3046 | Yellow Beige-MD   | 1167 | 459  | 1111 | 437  | 1000 | 393  |
| 3051 | Green Gray-DK     | 2458 | 967  | 2341 | 921  | 2107 | 829  |
| 3052 | Green Gray-MD     | 2150 | 846  | 2047 | 805  | 1843 | 725  |
| 3053 | Green Gray        | 506  | 199  | 482  | 189  | 434  | 170  |
| 3348 | Yellow Green-LT   | 602  | 237  | 573  | 225  | 516  | 203  |
| 3362 | Pine Green-DK     | 576  | 226  | 548  | 215  | 493  | 194  |
| 3363 | Pine Green-MD     | 1457 | 573  | 1387 | 546  | 1249 | 491  |
| 3364 | Pine Green        | 777  | 305  | 740  | 291  | 666  | 262  |
| 3371 | Black Brown       | 3001 | 1181 | 2858 | 1125 | 2572 | 1012 |
| 3772 | Desert Sand-VY DK | 605  | 238  | 576  | 226  | 519  | 204  |
| 3781 | Mocha Brown-DK    | 1608 | 633  | 1531 | 602  | 1378 | 542  |
| 3787 | Brown Gray-DK     | 1332 | 524  | 1268 | 499  | 1142 | 449  |
| 3790 | Beige Gray-UL DK  | 2668 | 1050 | 2541 | 1000 | 2287 | 900  |
| 3799 | Pewter Gray-VY DK | 1268 | 499  | 1208 | 475  | 1087 | 427  |
| 3820 | Straw-DK          | 954  | 375  | 909  | 357  | 818  | 322  |
| 3822 | Straw-LT          | 345  | 135  | 328  | 129  | 296  | 116  |
| 3828 | Hazelnut Brown    | 1070 | 421  | 1019 | 401  | 917  | 361  |
| 3829 | Old Gold-VY DK    | 504  | 198  | 480  | 188  | 432  | 170  |
| 3855 | Autumn Gold-LT    | 584  | 229  | 556  | 218  | 500  | 196  |
| 3858 | Rosewood-MD       | 990  | 389  | 943  | 371  | 849  | 334  |
| 3862 | Mocha Beige-DK    | 298  | 117  | 284  | 111  | 255  | 100  |

| Extended thread usage table. |                       |            |              |            |              |            |              |
|------------------------------|-----------------------|------------|--------------|------------|--------------|------------|--------------|
| DMC                          | Name                  | Usage (cm) | Usage (inch) | Usage (cm) | Usage (inch) | Usage (cm) | Usage (inch) |
|                              |                       | 10         | 12           | 24         |              |            |              |
| 221                          | Shell Pink-VY DK      | 79         | 31           | 66         | 26           | 33         | 13           |
| 300                          | Mahogany-VY DK        | 292        | 113          | 243        | 95           | 122        | 47           |
| 310                          | Black                 | 15793      | 6217         | 13161      | 5181         | 6581       | 2591         |
| 319                          | Pistachio Green-VY DK | 32         | 13           | 27         | 11           | 14         | 5            |
| 370                          | Mustard-MD            | 533        | 209          | 444        | 174          | 222        | 87           |
| 371                          | Mustard               | 1526       | 599          | 1272       | 500          | 636        | 250          |
| 400                          | Mahogany-DK           | 466        | 182          | 389        | 152          | 194        | 76           |
| 420                          | Hazelnut Brown-DK     | 2178       | 857          | 1815       | 714          | 908        | 357          |
| 422                          | Hazelnut Brown-LT     | 425        | 166          | 354        | 138          | 177        | 69           |
| 433                          | Brown-MD              | 1976       | 778          | 1647       | 648          | 824        | 324          |
| 434                          | Brown-LT              | 302        | 119          | 252        | 99           | 126        | 50           |
| 435                          | Brown-VY LT           | 1233       | 484          | 1028       | 404          | 514        | 202          |
| 436                          | Tan                   | 517        | 202          | 431        | 168          | 215        | 84           |
| 437                          | Tan-LT                | 121        | 47           | 101        | 39           | 50         | 20           |
| 500                          | Blue Green-VY DK      | 1125       | 443          | 938        | 369          | 469        | 185          |
| 522                          | Fern Green            | 383        | 149          | 320        | 125          | 160        | 62           |
| 610                          | Drab Brown-DK         | 2920       | 1148         | 2433       | 957          | 1217       | 479          |
| 611                          | Drab Brown            | 2630       | 1035         | 2192       | 863          | 1096       | 431          |
| 613                          | Drab Brown-VY LT      | 893        | 351          | 744        | 293          | 372        | 146          |
| 632                          | Desert Sand-UL VY DK  | 729        | 286          | 608        | 239          | 304        | 119          |
| 645                          | Beaver Gray-VY DK     | 329        | 130          | 275        | 108          | 137        | 54           |
| 680                          | Old Gold-DK           | 362        | 142          | 302        | 119          | 151        | 59           |
| 729                          | Old Gold-MD           | 1035       | 407          | 863        | 339          | 431        | 170          |
| 730                          | Olive Green-VY DK     | 187        | 72           | 156        | 60           | 78         | 30           |
| 731                          | Olive Green-DK        | 2183       | 859          | 1820       | 716          | 910        | 358          |
| 734                          | Olive Green-LT        | 652        | 256          | 543        | 213          | 272        | 107          |
| 739                          | Tan-UL VY LT          | 169        | 67           | 141        | 56           | 71         | 28           |
| 745                          | Yellow-LT Pale        | 243        | 95           | 203        | 80           | 101        | 40           |



|      |                      |      |      |      |      |      |      |
|------|----------------------|------|------|------|------|------|------|
| 780  | Topaz-UL VY DK       | 547  | 214  | 456  | 179  | 228  | 89   |
| 782  | Topaz-DK             | 77   | 29   | 65   | 24   | 32   | 12   |
| 783  | Topaz-MD             | 475  | 185  | 396  | 155  | 198  | 77   |
| 801  | Coffee Brown-DK      | 2884 | 1134 | 2403 | 945  | 1202 | 473  |
| 829  | Golden Olive-VY DK   | 322  | 126  | 269  | 105  | 134  | 53   |
| 830  | Golden Olive-DK      | 589  | 230  | 491  | 192  | 245  | 96   |
| 832  | Golden Olive         | 792  | 311  | 660  | 260  | 330  | 130  |
| 833  | Golden Olive-LT      | 1460 | 574  | 1217 | 479  | 608  | 239  |
| 834  | Golden Olive-VY LT   | 1172 | 461  | 977  | 384  | 488  | 192  |
| 838  | Beige Brown-VY DK    | 2443 | 961  | 2036 | 801  | 1018 | 401  |
| 839  | Beige Brown-DK       | 2882 | 1134 | 2402 | 945  | 1201 | 473  |
| 844  | Beaver Brown-UL DK   | 1084 | 427  | 903  | 356  | 452  | 178  |
| 869  | Hazelnut Brown-VY DK | 551  | 216  | 459  | 180  | 230  | 90   |
| 898  | Coffee Brown-VY DK   | 565  | 221  | 471  | 185  | 236  | 92   |
| 934  | Black Avocado Green  | 8100 | 3188 | 6750 | 2657 | 3375 | 1328 |
| 935  | Avocado Green-DK     | 4900 | 1928 | 4083 | 1607 | 2042 | 803  |
| 936  | Avocado Green-VY DK  | 556  | 218  | 464  | 182  | 232  | 91   |
| 937  | Avocado Green-MD     | 41   | 16   | 35   | 14   | 17   | 7    |
| 938  | Coffee Brown-UL DK   | 2030 | 799  | 1692 | 666  | 846  | 333  |
| 975  | Golden Brown-DK      | 763  | 299  | 636  | 249  | 318  | 125  |
| 3011 | Khaki Green-DK       | 5281 | 2079 | 4401 | 1733 | 2201 | 866  |
| 3012 | Khaki Green-MD       | 2794 | 1100 | 2328 | 917  | 1164 | 458  |
| 3013 | Khaki Green-LT       | 1865 | 733  | 1554 | 611  | 777  | 305  |
| 3021 | Brown Gray-VY DK     | 5027 | 1978 | 4190 | 1649 | 2095 | 824  |
| 3022 | Brown Gray-MD        | 389  | 153  | 324  | 128  | 162  | 64   |
| 3023 | Brown Gray-LT        | 29   | 11   | 24   | 9    | 12   | 5    |
| 3031 | Mocha Brown-VY DK    | 2893 | 1138 | 2411 | 948  | 1205 | 474  |
| 3045 | Yellow Beige-DK      | 985  | 387  | 821  | 323  | 410  | 161  |
| 3046 | Yellow Beige-MD      | 1800 | 707  | 1500 | 590  | 750  | 295  |
| 3051 | Green Gray-DK        | 3793 | 1492 | 3161 | 1244 | 1580 | 622  |
| 3052 | Green Gray-MD        | 3317 | 1305 | 2765 | 1088 | 1382 | 544  |
| 3053 | Green Gray           | 781  | 306  | 651  | 255  | 326  | 128  |
| 3348 | Yellow Green-LT      | 929  | 365  | 774  | 305  | 387  | 152  |
| 3362 | Pine Green-DK        | 887  | 349  | 740  | 291  | 370  | 146  |
| 3363 | Pine Green-MD        | 2248 | 884  | 1874 | 737  | 937  | 368  |
| 3364 | Pine Green           | 1199 | 472  | 999  | 393  | 500  | 197  |
| 3371 | Black Brown          | 4630 | 1822 | 3858 | 1518 | 1929 | 759  |
| 3772 | Desert Sand-VY DK    | 934  | 367  | 779  | 306  | 389  | 153  |
| 3781 | Mocha Brown-DK       | 2480 | 976  | 2067 | 813  | 1034 | 407  |
| 3787 | Brown Gray-DK        | 2056 | 808  | 1713 | 674  | 857  | 337  |
| 3790 | Beige Gray-UL DK     | 4117 | 1620 | 3431 | 1350 | 1715 | 675  |
| 3799 | Pewter Gray-VY DK    | 1957 | 769  | 1631 | 641  | 815  | 320  |
| 3820 | Straw-DK             | 1472 | 580  | 1227 | 483  | 614  | 242  |
| 3822 | Straw-LT             | 533  | 209  | 444  | 174  | 222  | 87   |
| 3828 | Hazelnut Brown       | 1651 | 650  | 1376 | 542  | 688  | 271  |
| 3829 | Old Gold-VY DK       | 778  | 306  | 648  | 255  | 324  | 128  |
| 3855 | Autumn Gold-LT       | 900  | 353  | 750  | 294  | 375  | 147  |
| 3858 | Rosewood-MD          | 1528 | 601  | 1274 | 501  | 637  | 251  |
| 3862 | Mocha Beige-DK       | 459  | 180  | 383  | 150  | 191  | 75   |

| Extended thread usage table. |                  |            |              |            |              |            |              |
|------------------------------|------------------|------------|--------------|------------|--------------|------------|--------------|
| DMC                          | Name             | Usage (cm) | Usage (inch) | Usage (cm) | Usage (inch) | Usage (cm) | Usage (inch) |
|                              |                  | 25         |              | 26         |              | 27         |              |
| 221                          | Shell Pink-VY DK | 32         | 12           | 30         | 12           | 29         | 11           |
| 300                          | Mahogany-VY DK   | 117        | 45           | 112        | 44           | 108        | 42           |
| 310                          | Black            | 6317       | 2487         | 6074       | 2391         | 5849       | 2303         |



|      |                       |      |      |      |      |      |      |
|------|-----------------------|------|------|------|------|------|------|
| 319  | Pistachio Green-VY DK | 13   | 5    | 12   | 5    | 12   | 5    |
| 370  | Mustard-MD            | 213  | 84   | 205  | 80   | 197  | 77   |
| 371  | Mustard               | 611  | 240  | 587  | 231  | 565  | 222  |
| 400  | Mahogany-DK           | 186  | 73   | 179  | 70   | 173  | 67   |
| 420  | Hazelnut Brown-DK     | 871  | 343  | 838  | 330  | 807  | 317  |
| 422  | Hazelnut Brown-LT     | 170  | 66   | 163  | 64   | 157  | 61   |
| 433  | Brown-MD              | 791  | 311  | 760  | 299  | 732  | 288  |
| 434  | Brown-LT              | 121  | 48   | 116  | 46   | 112  | 44   |
| 435  | Brown-VY LT           | 493  | 194  | 474  | 186  | 457  | 179  |
| 436  | Tan                   | 207  | 81   | 199  | 78   | 191  | 75   |
| 437  | Tan-LT                | 48   | 19   | 46   | 18   | 45   | 17   |
| 500  | Blue Green-VY DK      | 450  | 177  | 433  | 170  | 417  | 164  |
| 522  | Fern Green            | 153  | 60   | 147  | 57   | 142  | 55   |
| 610  | Drab Brown-DK         | 1168 | 459  | 1123 | 442  | 1081 | 425  |
| 611  | Drab Brown            | 1052 | 414  | 1011 | 398  | 974  | 383  |
| 613  | Drab Brown-VY LT      | 357  | 140  | 343  | 135  | 331  | 130  |
| 632  | Desert Sand-UL VY DK  | 292  | 114  | 280  | 110  | 270  | 106  |
| 645  | Beaver Gray-VY DK     | 132  | 52   | 127  | 50   | 122  | 48   |
| 680  | Old Gold-DK           | 145  | 57   | 139  | 55   | 134  | 53   |
| 729  | Old Gold-MD           | 414  | 163  | 398  | 156  | 383  | 151  |
| 730  | Olive Green-VY DK     | 75   | 29   | 72   | 28   | 69   | 27   |
| 731  | Olive Green-DK        | 873  | 343  | 840  | 330  | 809  | 318  |
| 734  | Olive Green-LT        | 261  | 102  | 251  | 98   | 241  | 95   |
| 739  | Tan-UL VY LT          | 68   | 27   | 65   | 26   | 63   | 25   |
| 745  | Yellow-LT Pale        | 97   | 38   | 93   | 37   | 90   | 35   |
| 780  | Topaz-UL VY DK        | 219  | 86   | 210  | 82   | 203  | 79   |
| 782  | Topaz-DK              | 31   | 12   | 30   | 11   | 29   | 11   |
| 783  | Topaz-MD              | 190  | 74   | 183  | 71   | 176  | 69   |
| 801  | Coffee Brown-DK       | 1153 | 454  | 1109 | 436  | 1068 | 420  |
| 829  | Golden Olive-VY DK    | 129  | 50   | 124  | 48   | 119  | 47   |
| 830  | Golden Olive-DK       | 235  | 92   | 226  | 89   | 218  | 85   |
| 832  | Golden Olive          | 317  | 125  | 305  | 120  | 293  | 115  |
| 833  | Golden Olive-LT       | 584  | 230  | 561  | 221  | 541  | 213  |
| 834  | Golden Olive-VY LT    | 469  | 184  | 451  | 177  | 434  | 171  |
| 838  | Beige Brown-VY DK     | 977  | 384  | 939  | 370  | 905  | 356  |
| 839  | Beige Brown-DK        | 1153 | 454  | 1108 | 436  | 1067 | 420  |
| 844  | Beaver Brown-UL DK    | 433  | 171  | 417  | 164  | 401  | 158  |
| 869  | Hazelnut Brown-VY DK  | 220  | 86   | 212  | 83   | 204  | 80   |
| 898  | Coffee Brown-VY DK    | 226  | 89   | 217  | 85   | 209  | 82   |
| 934  | Black Avocado Green   | 3240 | 1275 | 3115 | 1226 | 3000 | 1181 |
| 935  | Avocado Green-DK      | 1960 | 771  | 1884 | 741  | 1815 | 714  |
| 936  | Avocado Green-VY DK   | 222  | 87   | 214  | 84   | 206  | 81   |
| 937  | Avocado Green-MD      | 17   | 6    | 16   | 6    | 15   | 6    |
| 938  | Coffee Brown-UL DK    | 812  | 320  | 781  | 307  | 752  | 296  |
| 975  | Golden Brown-DK       | 305  | 120  | 294  | 115  | 283  | 111  |
| 3011 | Khaki Green-DK        | 2112 | 832  | 2031 | 800  | 1956 | 770  |
| 3012 | Khaki Green-MD        | 1117 | 440  | 1074 | 423  | 1035 | 407  |
| 3013 | Khaki Green-LT        | 746  | 293  | 717  | 282  | 691  | 271  |
| 3021 | Brown Gray-VY DK      | 2011 | 791  | 1934 | 761  | 1862 | 733  |
| 3022 | Brown Gray-MD         | 156  | 61   | 150  | 59   | 144  | 57   |
| 3023 | Brown Gray-LT         | 12   | 4    | 11   | 4    | 11   | 4    |
| 3031 | Mocha Brown-VY DK     | 1157 | 455  | 1113 | 438  | 1071 | 421  |
| 3045 | Yellow Beige-DK       | 394  | 155  | 379  | 149  | 365  | 143  |
| 3046 | Yellow Beige-MD       | 720  | 283  | 692  | 272  | 667  | 262  |
| 3051 | Green Gray-DK         | 1517 | 597  | 1459 | 574  | 1405 | 553  |
| 3052 | Green Gray-MD         | 1327 | 522  | 1276 | 502  | 1229 | 483  |
| 3053 | Green Gray            | 312  | 122  | 300  | 118  | 289  | 113  |
| 3348 | Yellow Green-LT       | 372  | 146  | 357  | 141  | 344  | 135  |
| 3362 | Pine Green-DK         | 355  | 140  | 341  | 134  | 329  | 129  |

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|      |                   |      |     |      |     |      |     |
|------|-------------------|------|-----|------|-----|------|-----|
| 3363 | Pine Green-MD     | 899  | 354 | 865  | 340 | 833  | 327 |
| 3364 | Pine Green        | 480  | 189 | 461  | 181 | 444  | 175 |
| 3371 | Black Brown       | 1852 | 729 | 1781 | 701 | 1715 | 675 |
| 3772 | Desert Sand-VY DK | 374  | 147 | 359  | 141 | 346  | 136 |
| 3781 | Mocha Brown-DK    | 992  | 390 | 954  | 375 | 919  | 361 |
| 3787 | Brown Gray-DK     | 822  | 323 | 791  | 311 | 761  | 299 |
| 3790 | Beige Gray-UL DK  | 1647 | 648 | 1583 | 623 | 1525 | 600 |
| 3799 | Pewter Gray-VY DK | 783  | 307 | 753  | 296 | 725  | 285 |
| 3820 | Straw-DK          | 589  | 232 | 566  | 223 | 545  | 215 |
| 3822 | Straw-LT          | 213  | 84  | 205  | 80  | 197  | 77  |
| 3828 | Hazelnut Brown    | 660  | 260 | 635  | 250 | 611  | 241 |
| 3829 | Old Gold-VY DK    | 311  | 122 | 299  | 118 | 288  | 113 |
| 3855 | Autumn Gold-LT    | 360  | 141 | 346  | 136 | 333  | 131 |
| 3858 | Rosewood-MD       | 611  | 240 | 588  | 231 | 566  | 223 |
| 3862 | Mocha Beige-DK    | 184  | 72  | 177  | 69  | 170  | 67  |

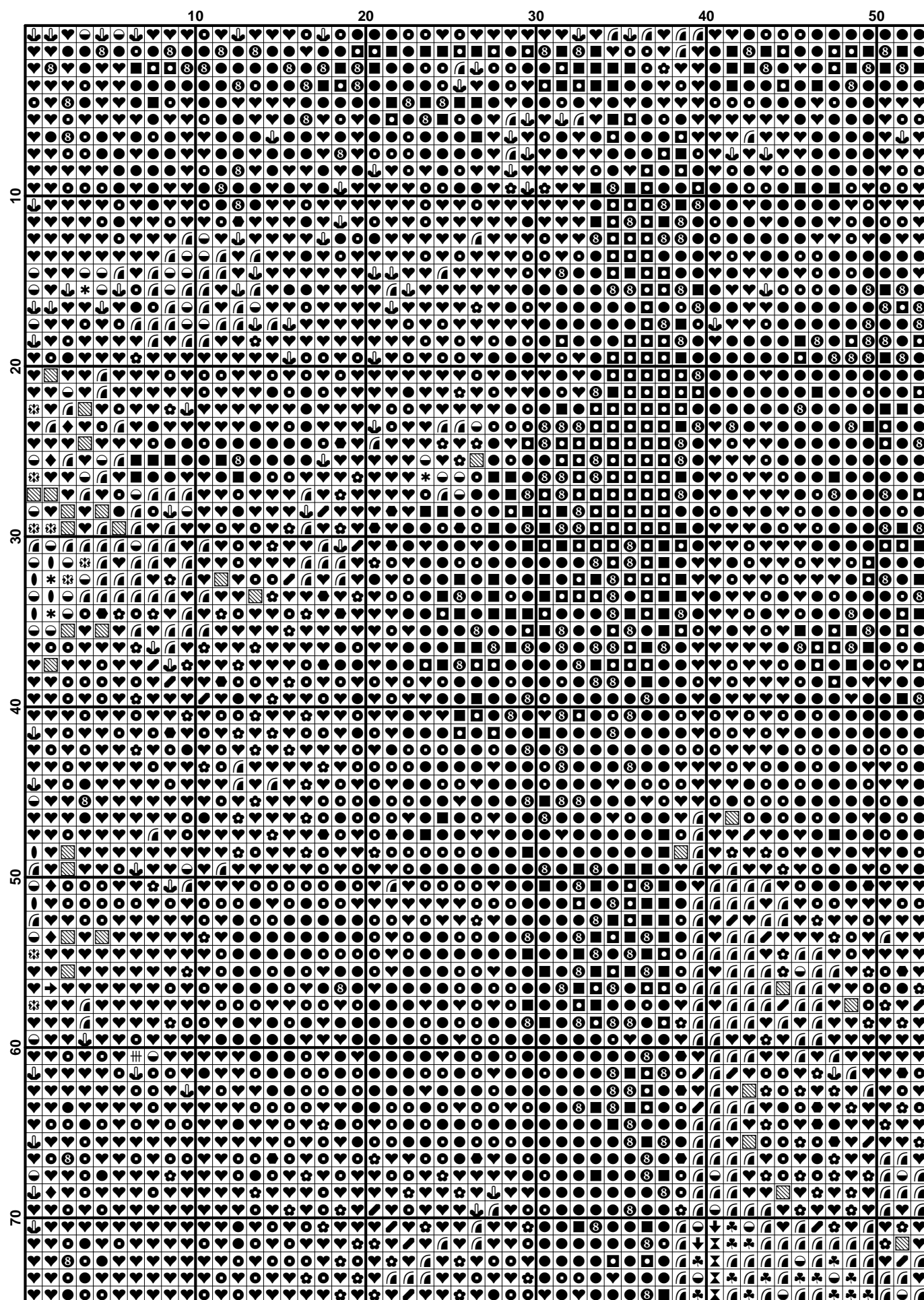
| Extended thread usage table. |                       |            |              |            |              |            |              |
|------------------------------|-----------------------|------------|--------------|------------|--------------|------------|--------------|
| DMC                          | Name                  | Usage (cm) | Usage (inch) | Usage (cm) | Usage (inch) | Usage (cm) | Usage (inch) |
|                              |                       | 28         |              | 30         |              | 32         |              |
| 221                          | Shell Pink-VY DK      | 28         | 11           | 26         | 10           | 25         | 10           |
| 300                          | Mahogany-VY DK        | 104        | 41           | 97         | 38           | 91         | 35           |
| 310                          | Black                 | 5640       | 2220         | 5264       | 2072         | 4935       | 1943         |
| 319                          | Pistachio Green-VY DK | 12         | 5            | 11         | 4            | 10         | 4            |
| 370                          | Mustard-MD            | 190        | 75           | 178        | 70           | 167        | 65           |
| 371                          | Mustard               | 545        | 214          | 509        | 200          | 477        | 187          |
| 400                          | Mahogany-DK           | 167        | 65           | 155        | 61           | 146        | 57           |
| 420                          | Hazelnut Brown-DK     | 778        | 306          | 726        | 286          | 681        | 268          |
| 422                          | Hazelnut Brown-LT     | 152        | 59           | 142        | 55           | 133        | 52           |
| 433                          | Brown-MD              | 706        | 278          | 659        | 259          | 618        | 243          |
| 434                          | Brown-LT              | 108        | 42           | 101        | 40           | 95         | 37           |
| 435                          | Brown-VY LT           | 440        | 173          | 411        | 161          | 385        | 151          |
| 436                          | Tan                   | 185        | 72           | 172        | 67           | 161        | 63           |
| 437                          | Tan-LT                | 43         | 17           | 40         | 16           | 38         | 15           |
| 500                          | Blue Green-VY DK      | 402        | 158          | 375        | 148          | 352        | 138          |
| 522                          | Fern Green            | 137        | 53           | 128        | 50           | 120        | 47           |
| 610                          | Drab Brown-DK         | 1043       | 410          | 973        | 383          | 912        | 359          |
| 611                          | Drab Brown            | 939        | 370          | 877        | 345          | 822        | 323          |
| 613                          | Drab Brown-VY LT      | 319        | 125          | 298        | 117          | 279        | 110          |
| 632                          | Desert Sand-UL VY DK  | 260        | 102          | 243        | 95           | 228        | 89           |
| 645                          | Beaver Gray-VY DK     | 118        | 46           | 110        | 43           | 103        | 41           |
| 680                          | Old Gold-DK           | 129        | 51           | 121        | 47           | 113        | 44           |
| 729                          | Old Gold-MD           | 370        | 145          | 345        | 136          | 323        | 127          |
| 730                          | Olive Green-VY DK     | 67         | 26           | 62         | 24           | 59         | 23           |
| 731                          | Olive Green-DK        | 780        | 307          | 728        | 286          | 682        | 268          |
| 734                          | Olive Green-LT        | 233        | 91           | 217        | 85           | 204        | 80           |
| 739                          | Tan-UL VY LT          | 60         | 24           | 56         | 22           | 53         | 21           |
| 745                          | Yellow-LT Pale        | 87         | 34           | 81         | 32           | 76         | 30           |
| 780                          | Topaz-UL VY DK        | 195        | 77           | 182        | 71           | 171        | 67           |
| 782                          | Topaz-DK              | 28         | 10           | 26         | 10           | 24         | 9            |
| 783                          | Topaz-MD              | 170        | 66           | 158        | 62           | 149        | 58           |
| 801                          | Coffee Brown-DK       | 1030       | 405          | 961        | 378          | 901        | 354          |
| 829                          | Golden Olive-VY DK    | 115        | 45           | 107        | 42           | 101        | 39           |
| 830                          | Golden Olive-DK       | 210        | 82           | 196        | 77           | 184        | 72           |
| 832                          | Golden Olive          | 283        | 111          | 264        | 104          | 248        | 97           |
| 833                          | Golden Olive-LT       | 521        | 205          | 487        | 191          | 456        | 179          |
| 834                          | Golden Olive-VY LT    | 419        | 165          | 391        | 154          | 366        | 144          |
| 838                          | Beige Brown-VY DK     | 872        | 343          | 814        | 320          | 763        | 300          |

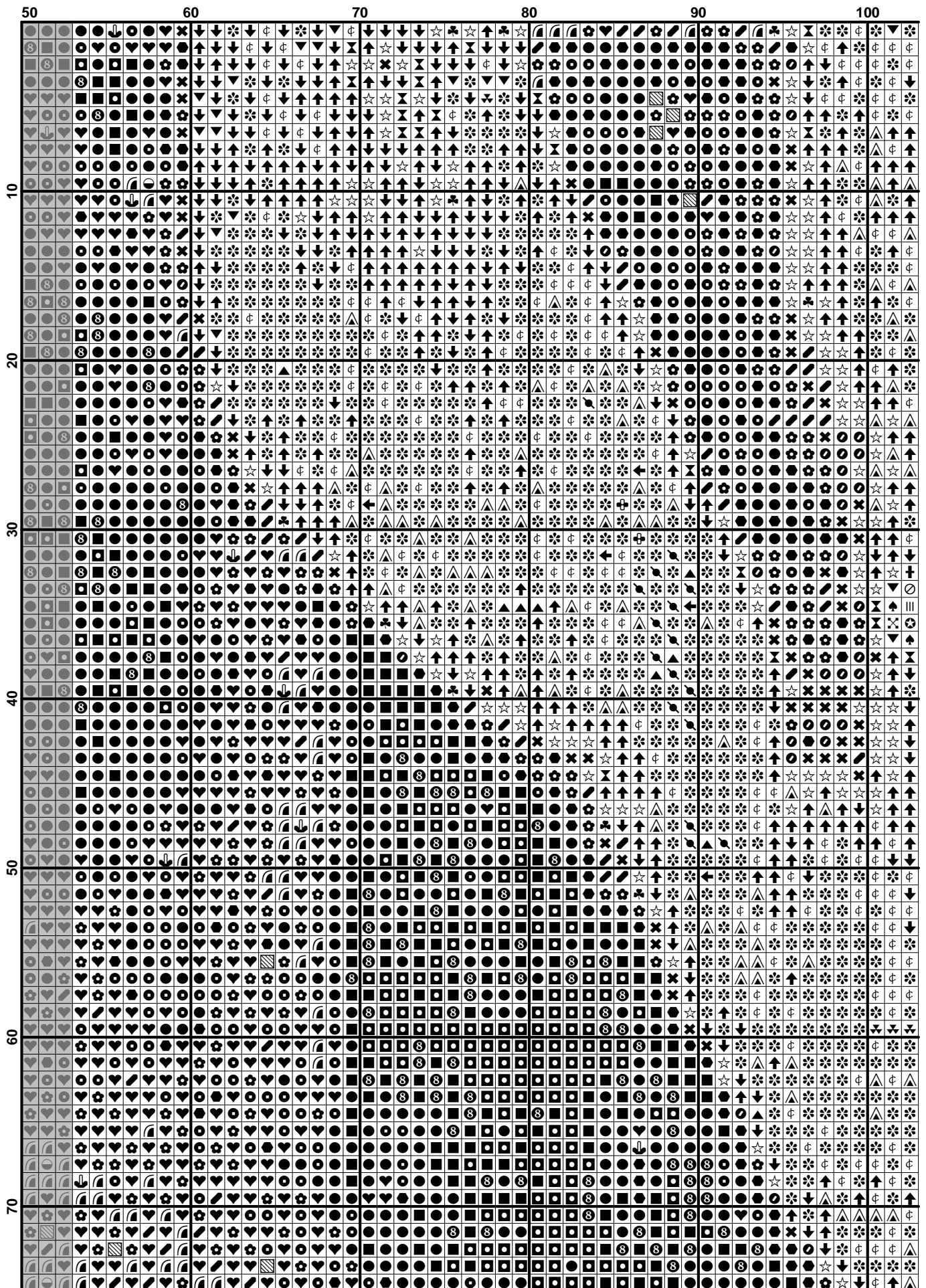
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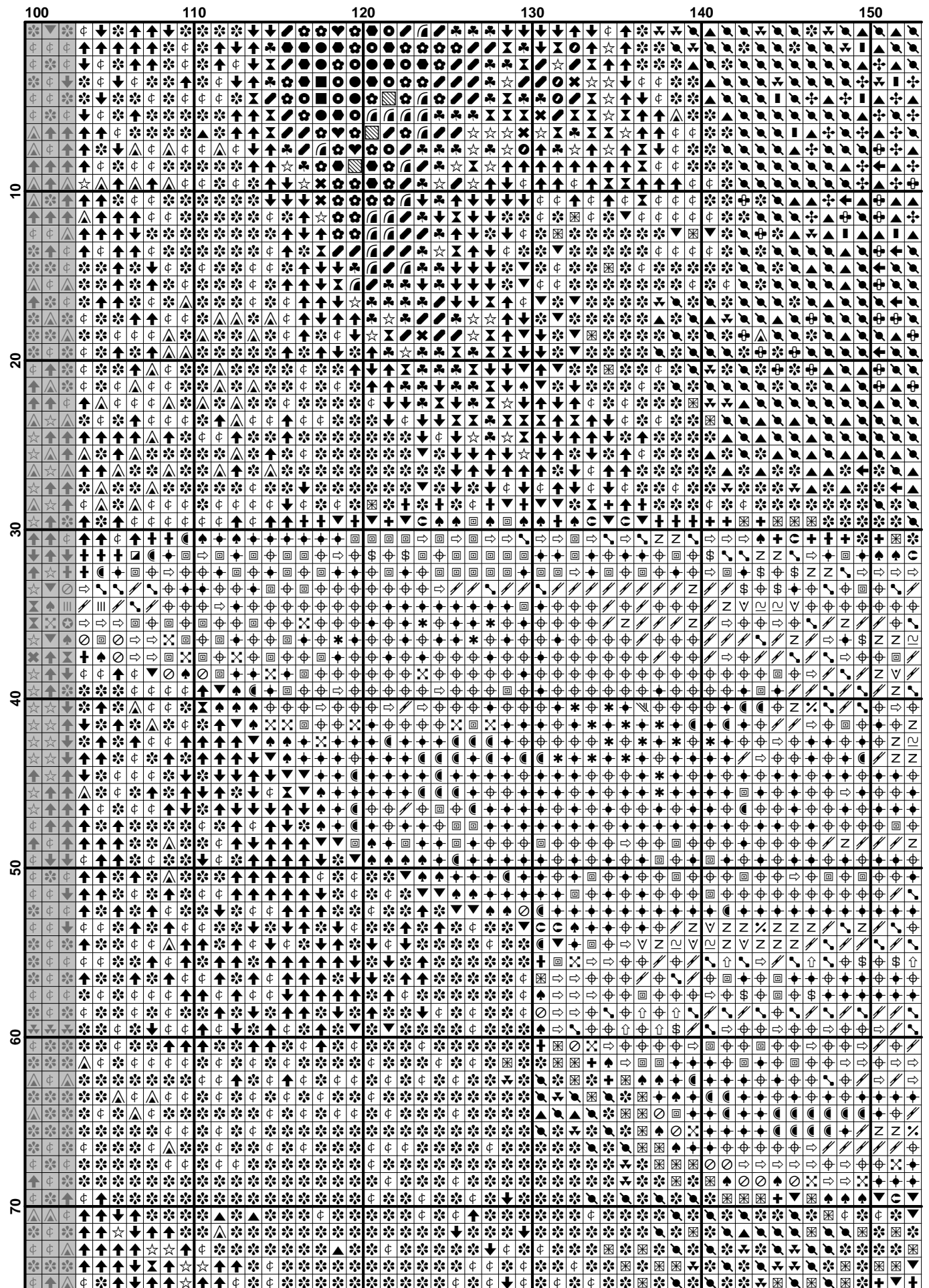
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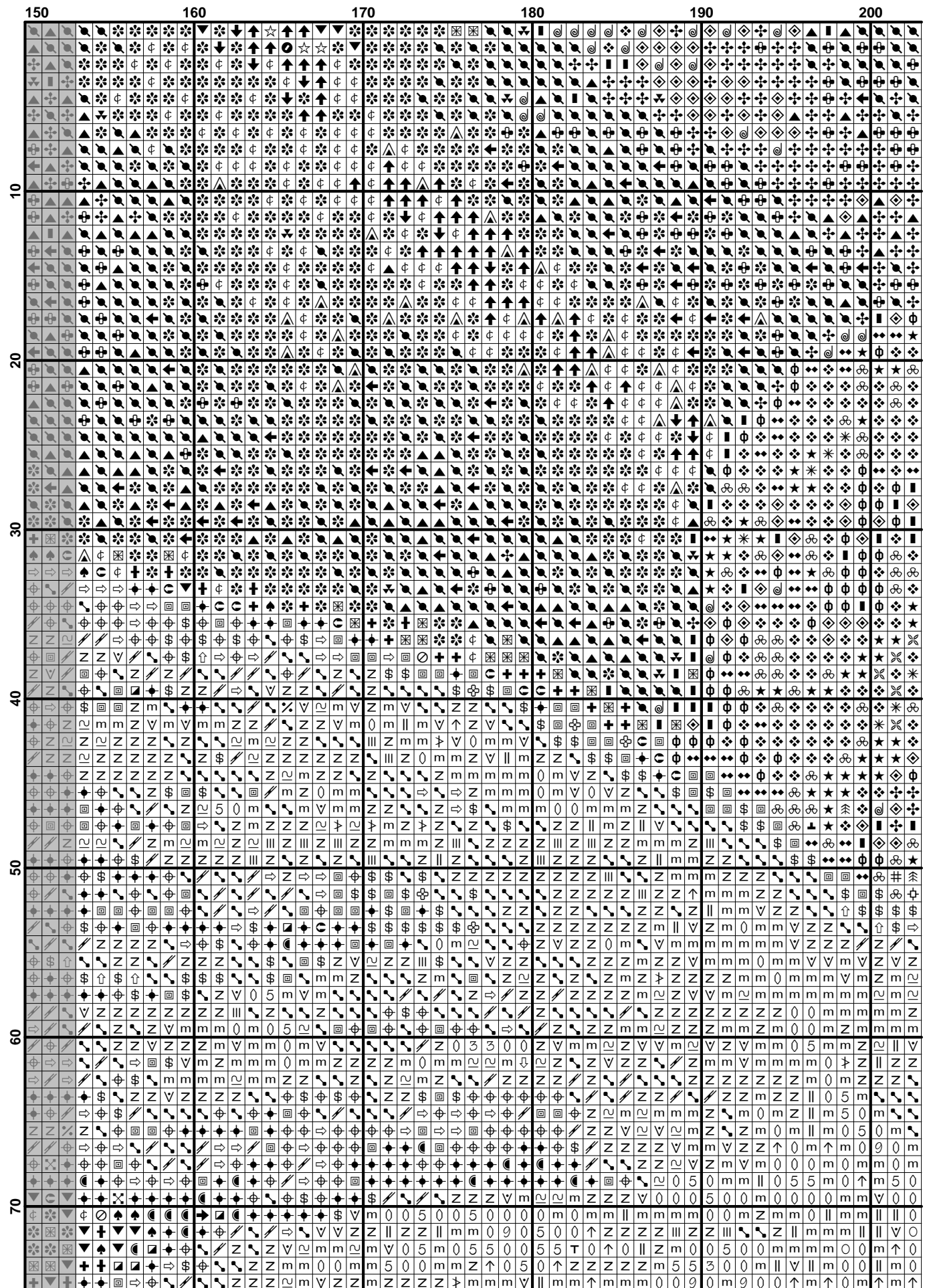
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|      |                      |      |      |      |      |      |     |
|------|----------------------|------|------|------|------|------|-----|
| 839  | Beige Brown-DK       | 1029 | 405  | 961  | 378  | 901  | 354 |
| 844  | Beaver Brown-UL DK   | 387  | 152  | 361  | 142  | 339  | 133 |
| 869  | Hazelnut Brown-VY DK | 197  | 77   | 184  | 72   | 172  | 68  |
| 898  | Coffee Brown-VY DK   | 202  | 79   | 188  | 74   | 177  | 69  |
| 934  | Black Avocado Green  | 2893 | 1139 | 2700 | 1063 | 2531 | 996 |
| 935  | Avocado Green-DK     | 1750 | 689  | 1633 | 643  | 1531 | 602 |
| 936  | Avocado Green-VY DK  | 199  | 78   | 185  | 73   | 174  | 68  |
| 937  | Avocado Green-MD     | 15   | 6    | 14   | 5    | 13   | 5   |
| 938  | Coffee Brown-UL DK   | 725  | 285  | 677  | 266  | 635  | 250 |
| 975  | Golden Brown-DK      | 273  | 107  | 254  | 100  | 239  | 93  |
| 3011 | Khaki Green-DK       | 1886 | 743  | 1760 | 693  | 1650 | 650 |
| 3012 | Khaki Green-MD       | 998  | 393  | 931  | 367  | 873  | 344 |
| 3013 | Khaki Green-LT       | 666  | 262  | 622  | 244  | 583  | 229 |
| 3021 | Brown Gray-VY DK     | 1796 | 707  | 1676 | 659  | 1571 | 618 |
| 3022 | Brown Gray-MD        | 139  | 55   | 130  | 51   | 122  | 48  |
| 3023 | Brown Gray-LT        | 10   | 4    | 10   | 4    | 9    | 3   |
| 3031 | Mocha Brown-VY DK    | 1033 | 406  | 964  | 379  | 904  | 356 |
| 3045 | Yellow Beige-DK      | 352  | 138  | 328  | 129  | 308  | 121 |
| 3046 | Yellow Beige-MD      | 643  | 253  | 600  | 236  | 563  | 221 |
| 3051 | Green Gray-DK        | 1355 | 533  | 1264 | 497  | 1185 | 466 |
| 3052 | Green Gray-MD        | 1185 | 466  | 1106 | 435  | 1037 | 408 |
| 3053 | Green Gray           | 279  | 109  | 260  | 102  | 244  | 96  |
| 3348 | Yellow Green-LT      | 332  | 131  | 310  | 122  | 290  | 114 |
| 3362 | Pine Green-DK        | 317  | 125  | 296  | 116  | 277  | 109 |
| 3363 | Pine Green-MD        | 803  | 316  | 749  | 295  | 703  | 276 |
| 3364 | Pine Green           | 428  | 168  | 400  | 157  | 375  | 147 |
| 3371 | Black Brown          | 1653 | 651  | 1543 | 607  | 1447 | 569 |
| 3772 | Desert Sand-VY DK    | 334  | 131  | 311  | 122  | 292  | 115 |
| 3781 | Mocha Brown-DK       | 886  | 348  | 827  | 325  | 775  | 305 |
| 3787 | Brown Gray-DK        | 734  | 289  | 685  | 269  | 642  | 253 |
| 3790 | Beige Gray-UL DK     | 1470 | 579  | 1372 | 540  | 1286 | 506 |
| 3799 | Pewter Gray-VY DK    | 699  | 275  | 652  | 256  | 611  | 240 |
| 3820 | Straw-DK             | 526  | 207  | 491  | 193  | 460  | 181 |
| 3822 | Straw-LT             | 190  | 75   | 178  | 70   | 167  | 65  |
| 3828 | Hazelnut Brown       | 590  | 232  | 550  | 217  | 516  | 203 |
| 3829 | Old Gold-VY DK       | 278  | 109  | 259  | 102  | 243  | 96  |
| 3855 | Autumn Gold-LT       | 321  | 126  | 300  | 118  | 281  | 110 |
| 3858 | Rosewood-MD          | 546  | 215  | 509  | 200  | 478  | 188 |
| 3862 | Mocha Beige-DK       | 164  | 64   | 153  | 60   | 143  | 56  |

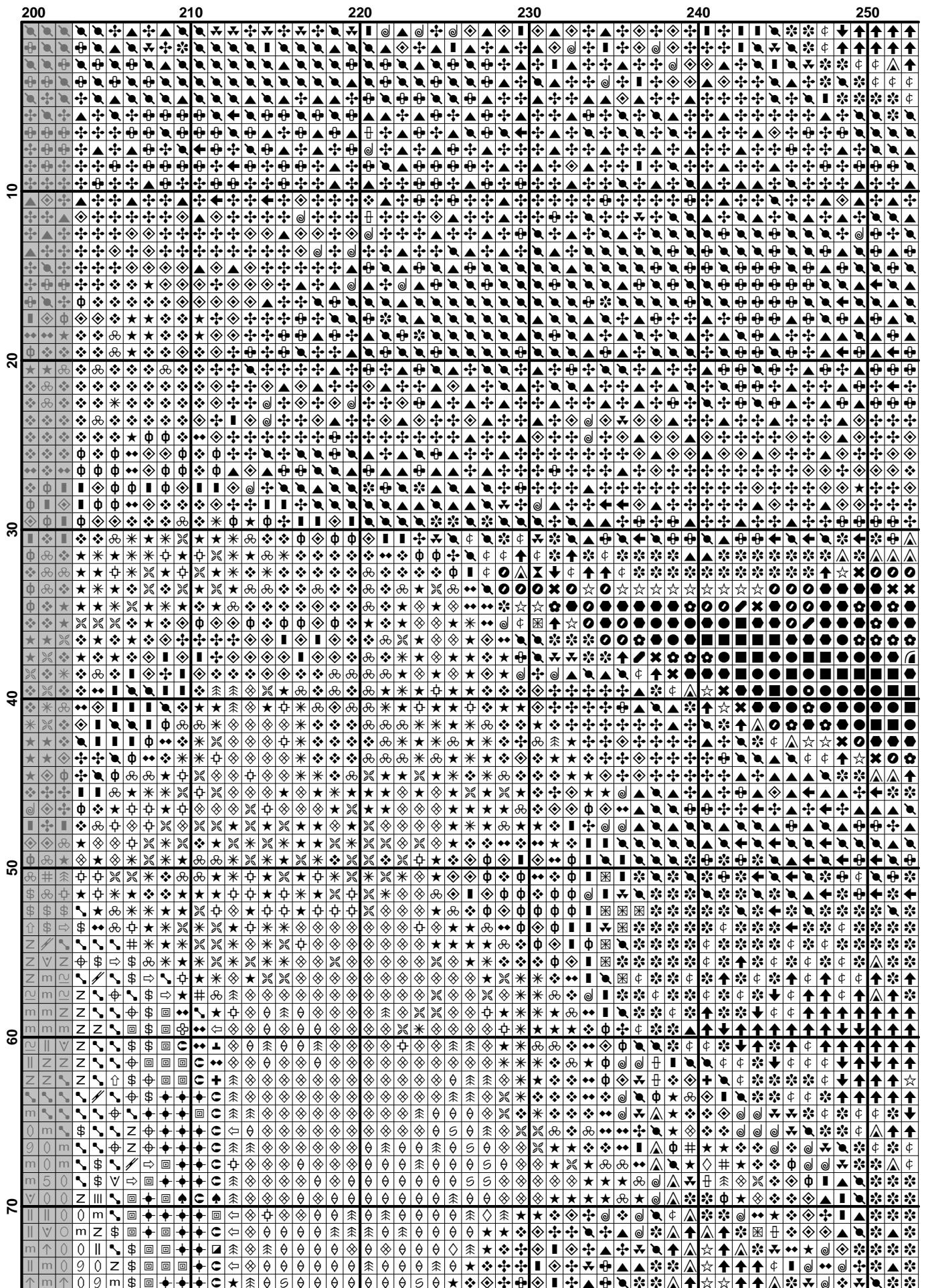


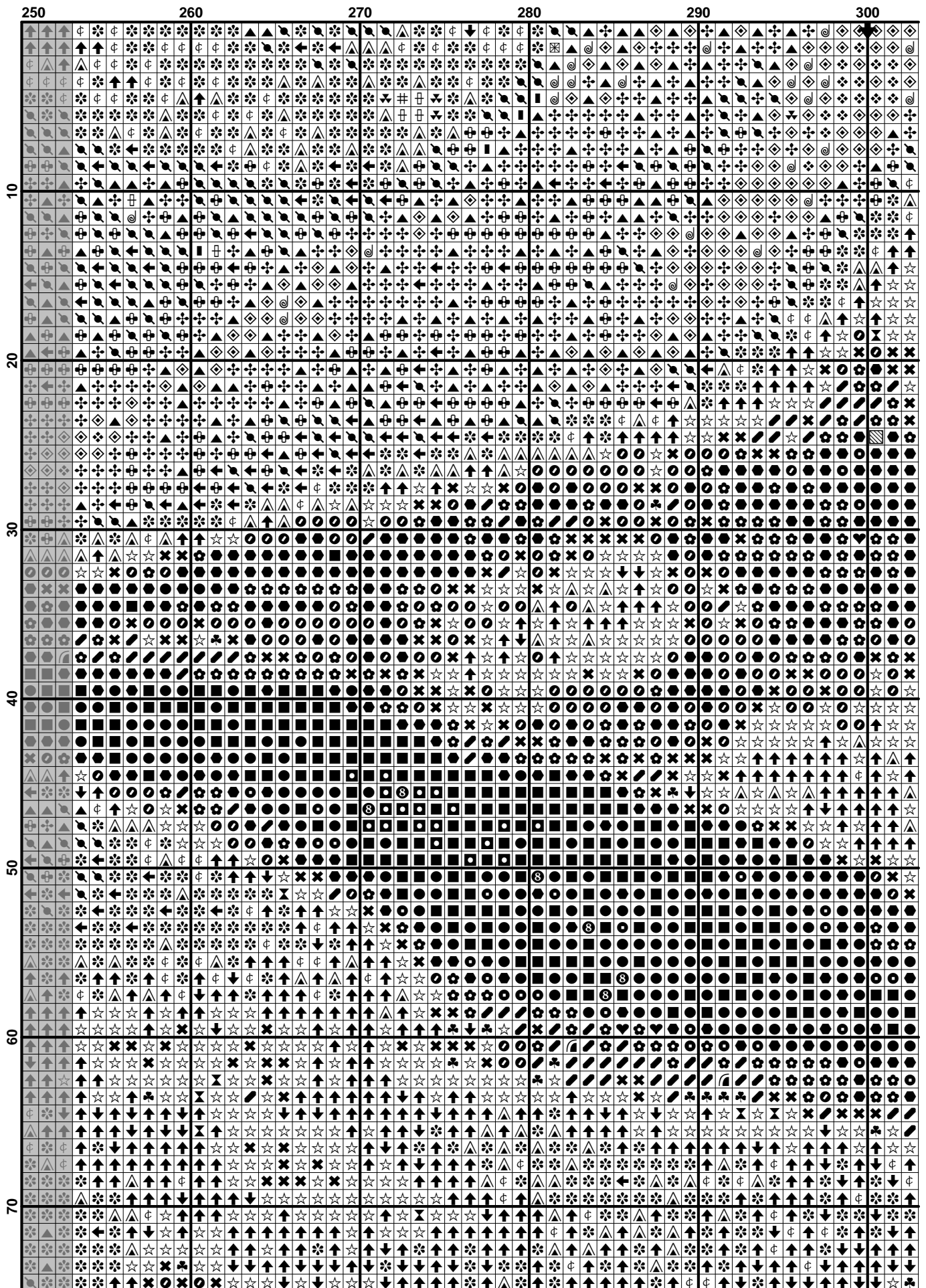


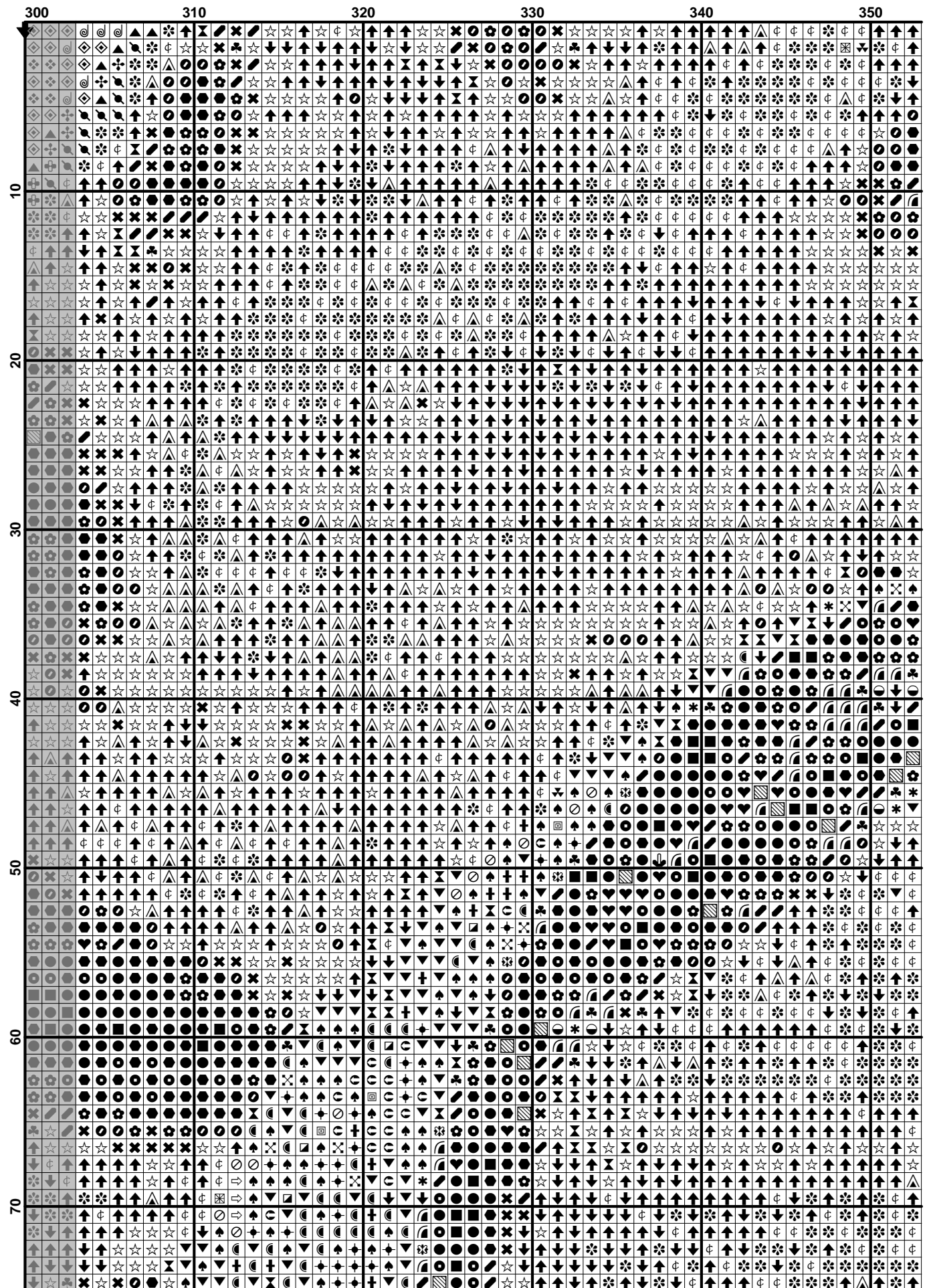


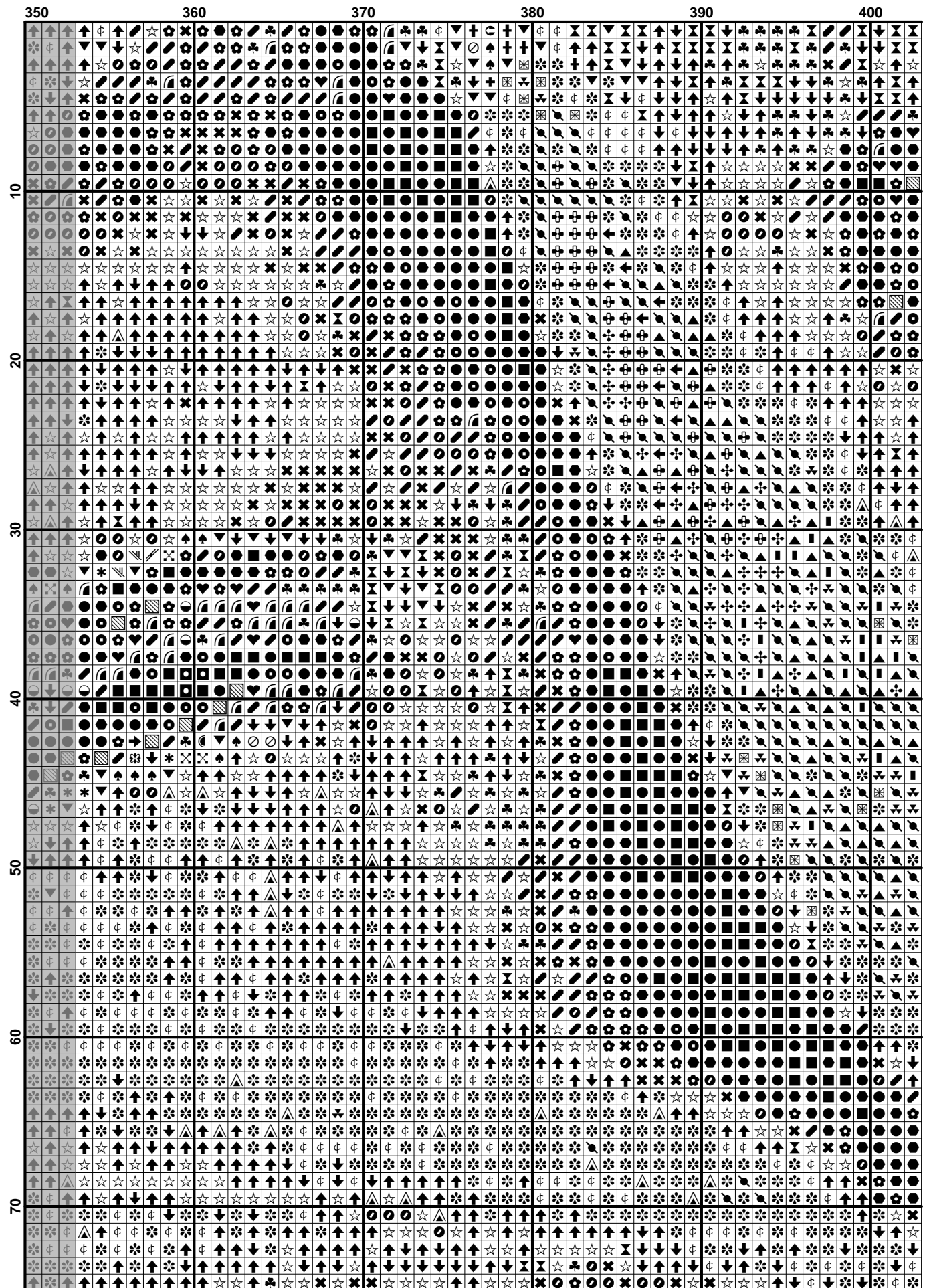


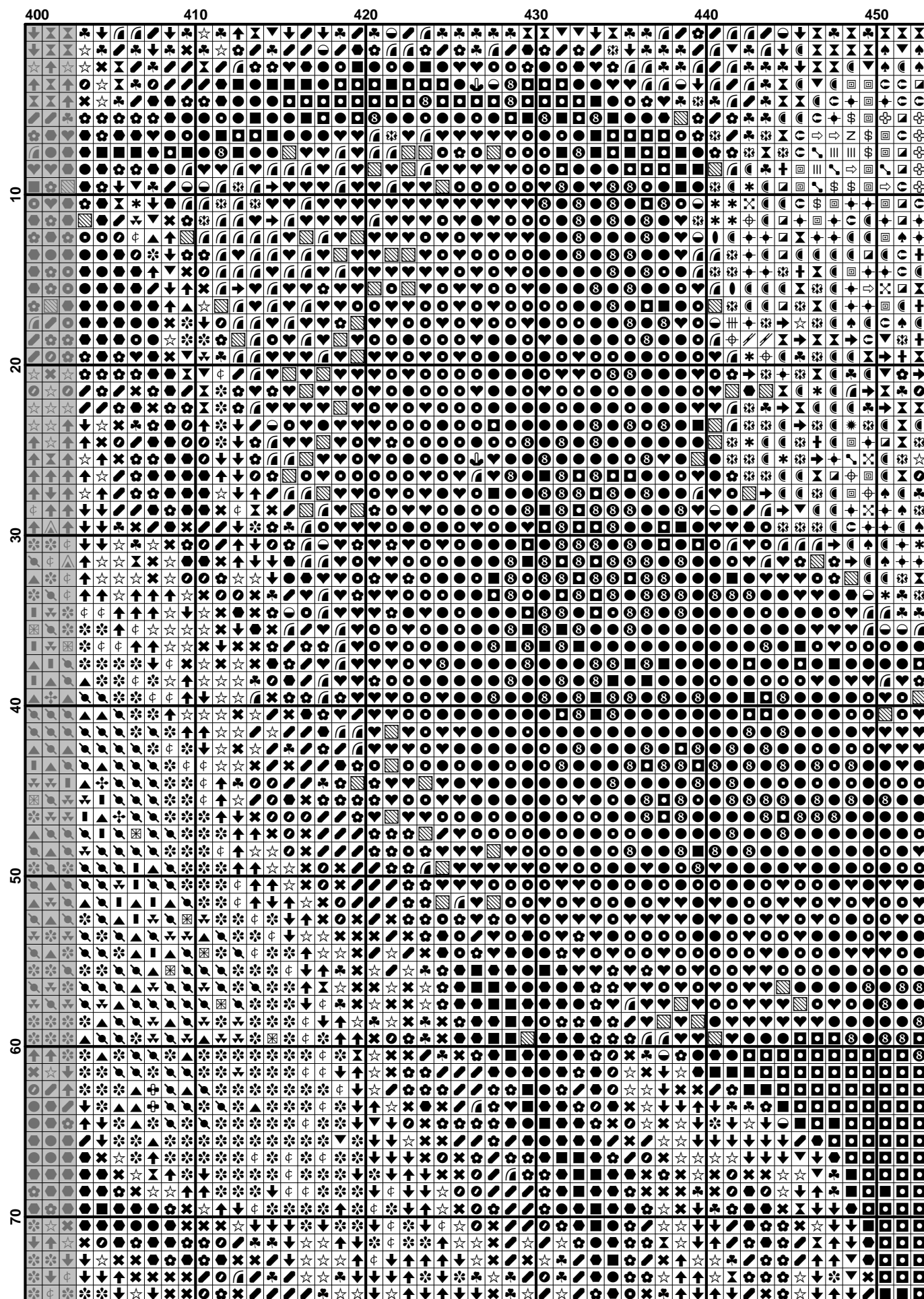


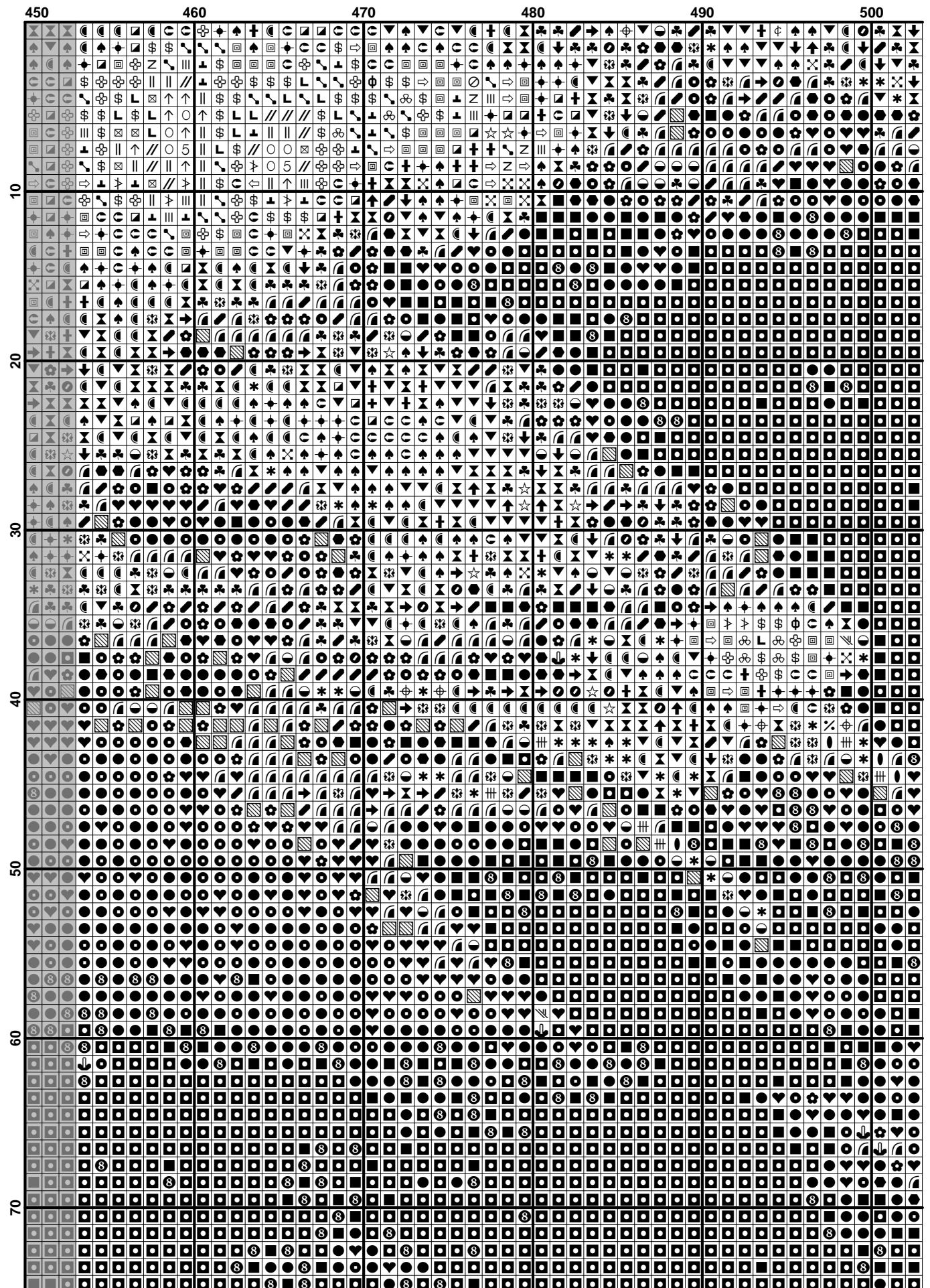


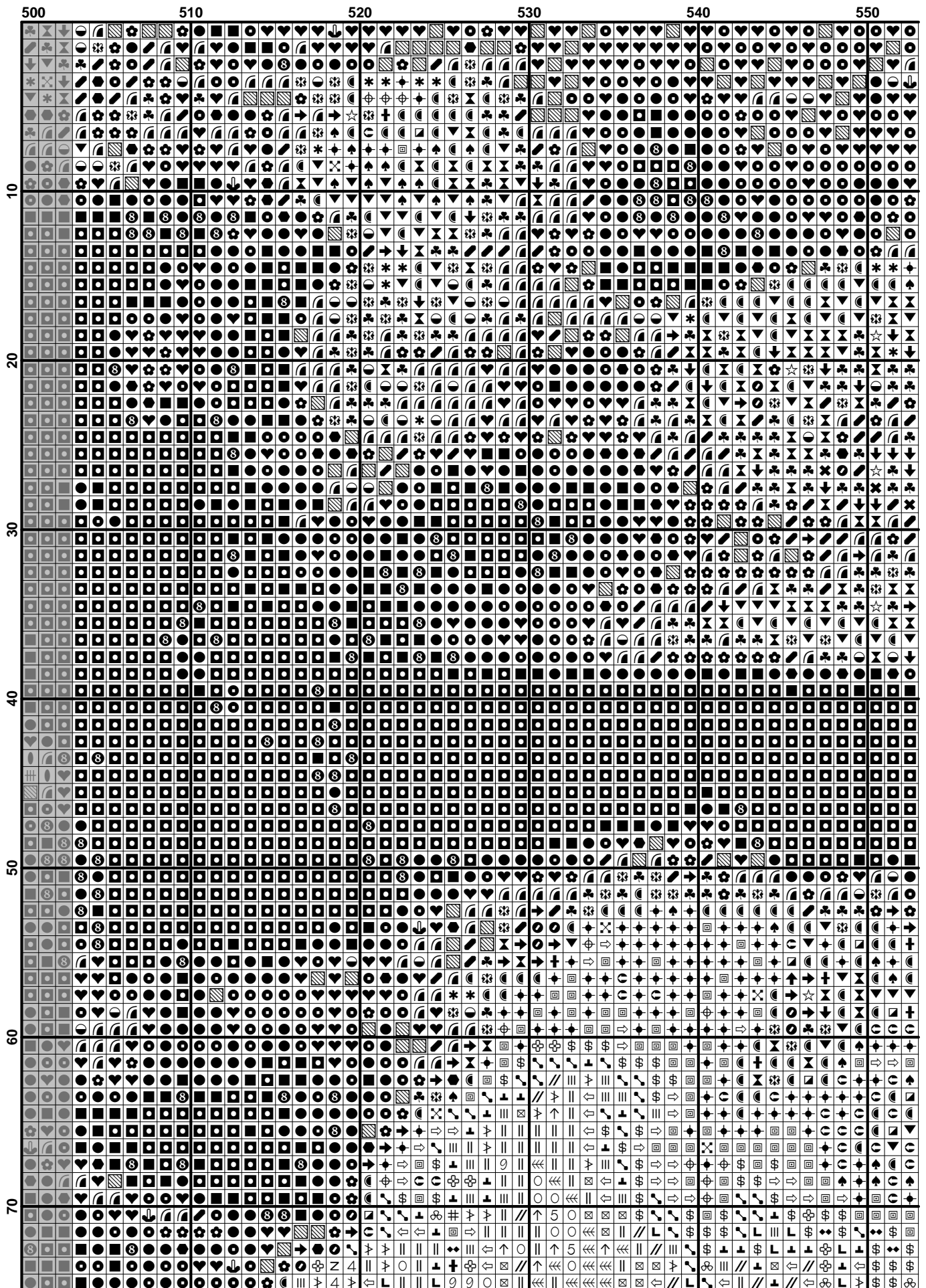




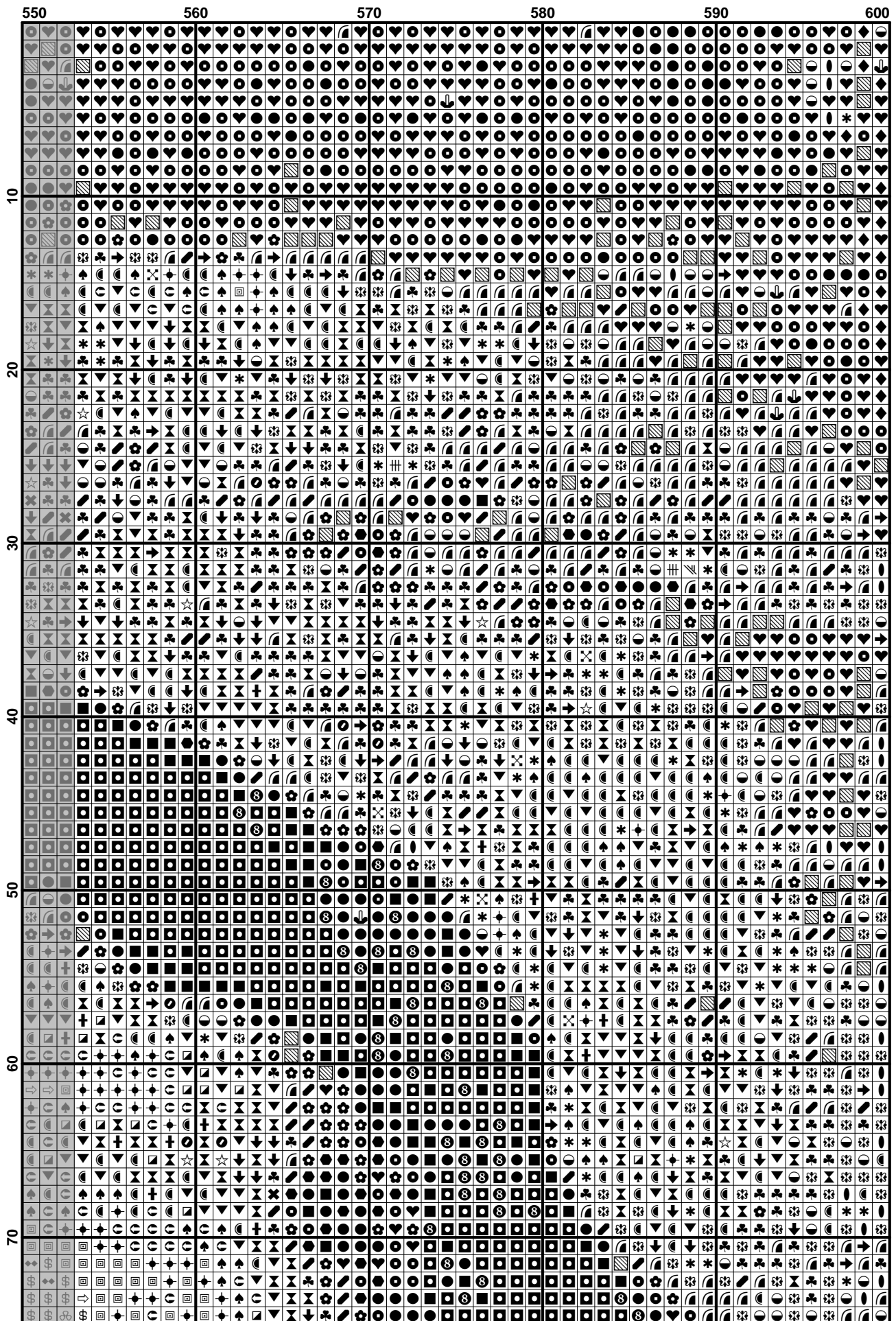


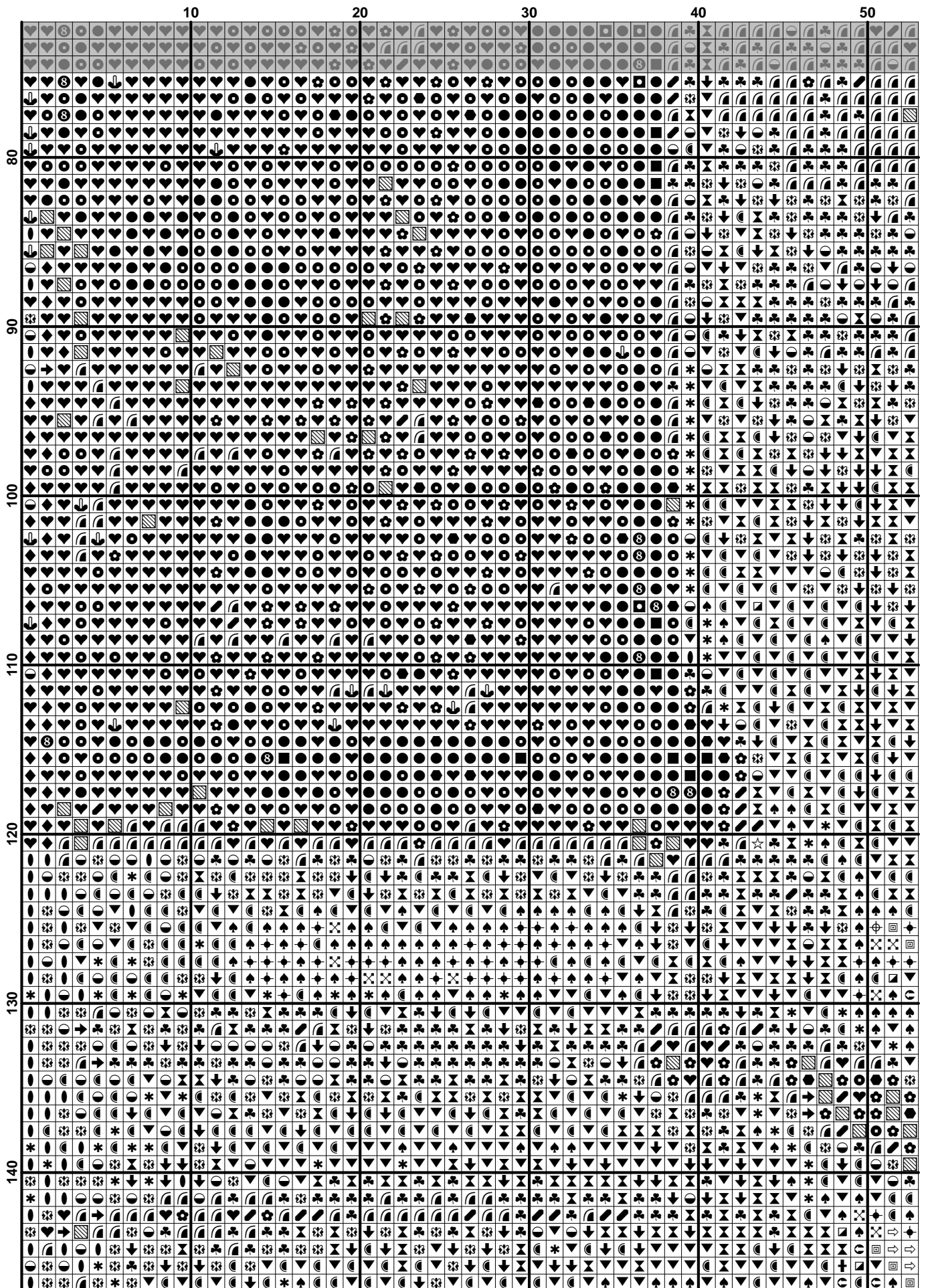


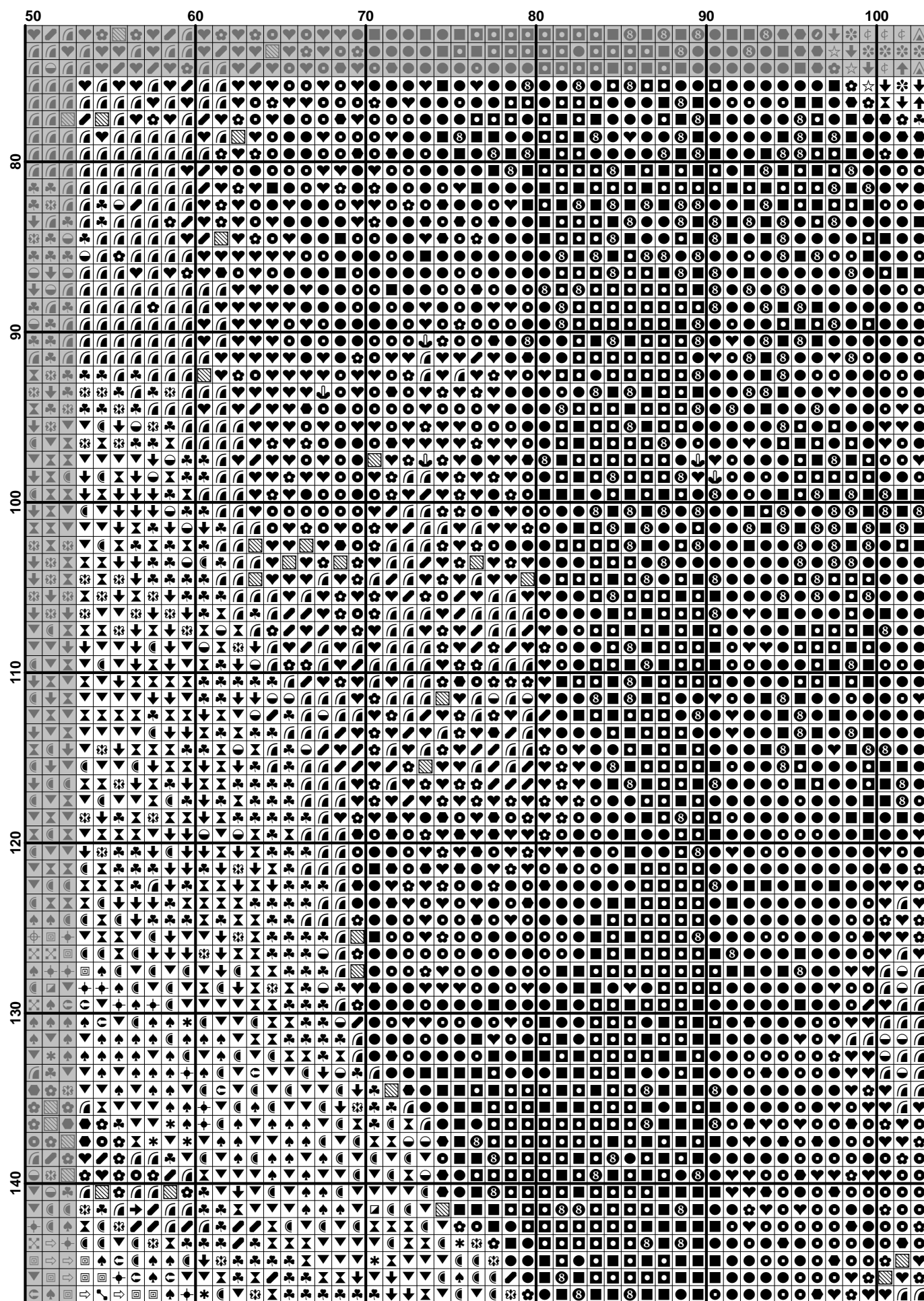


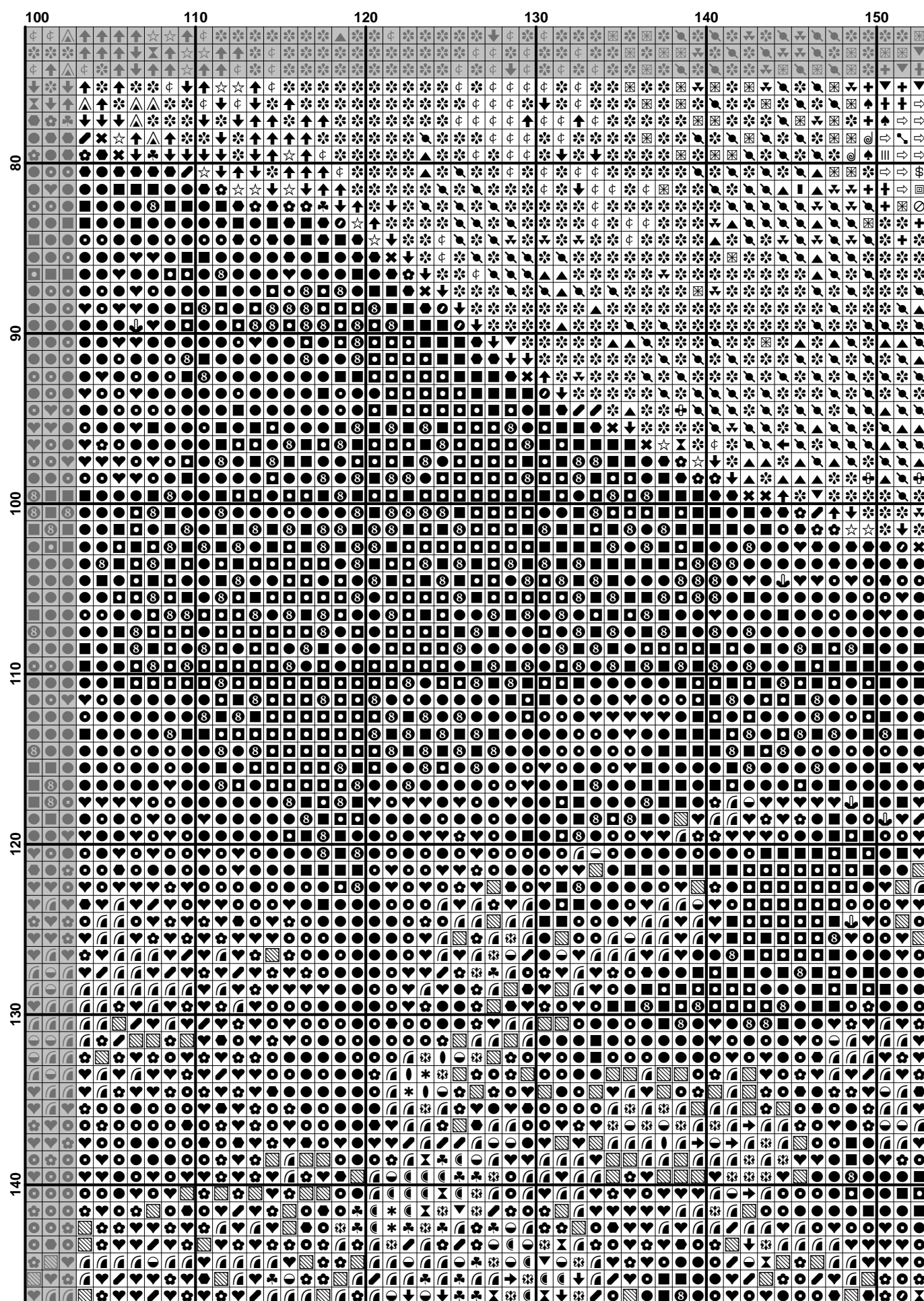


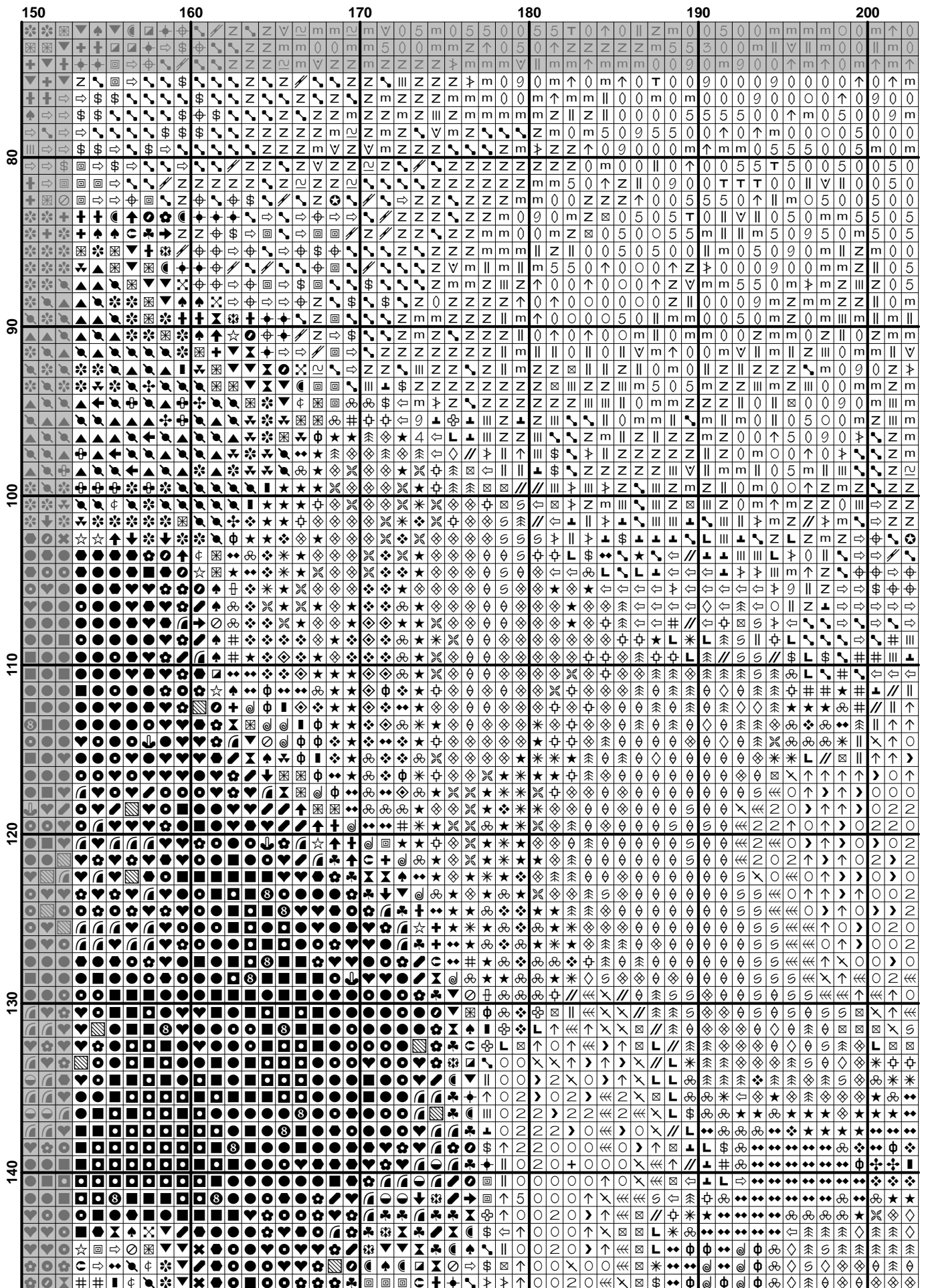




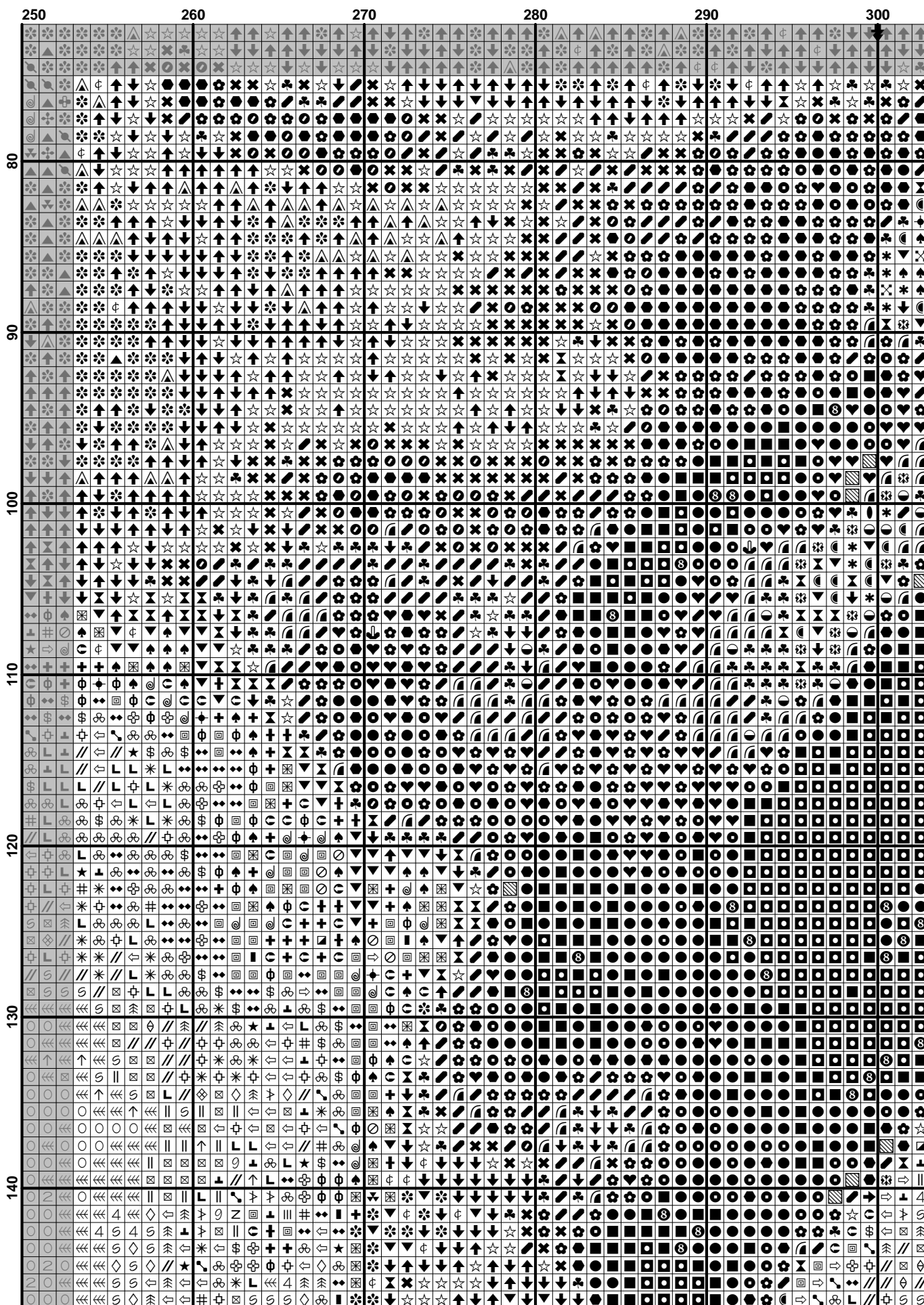




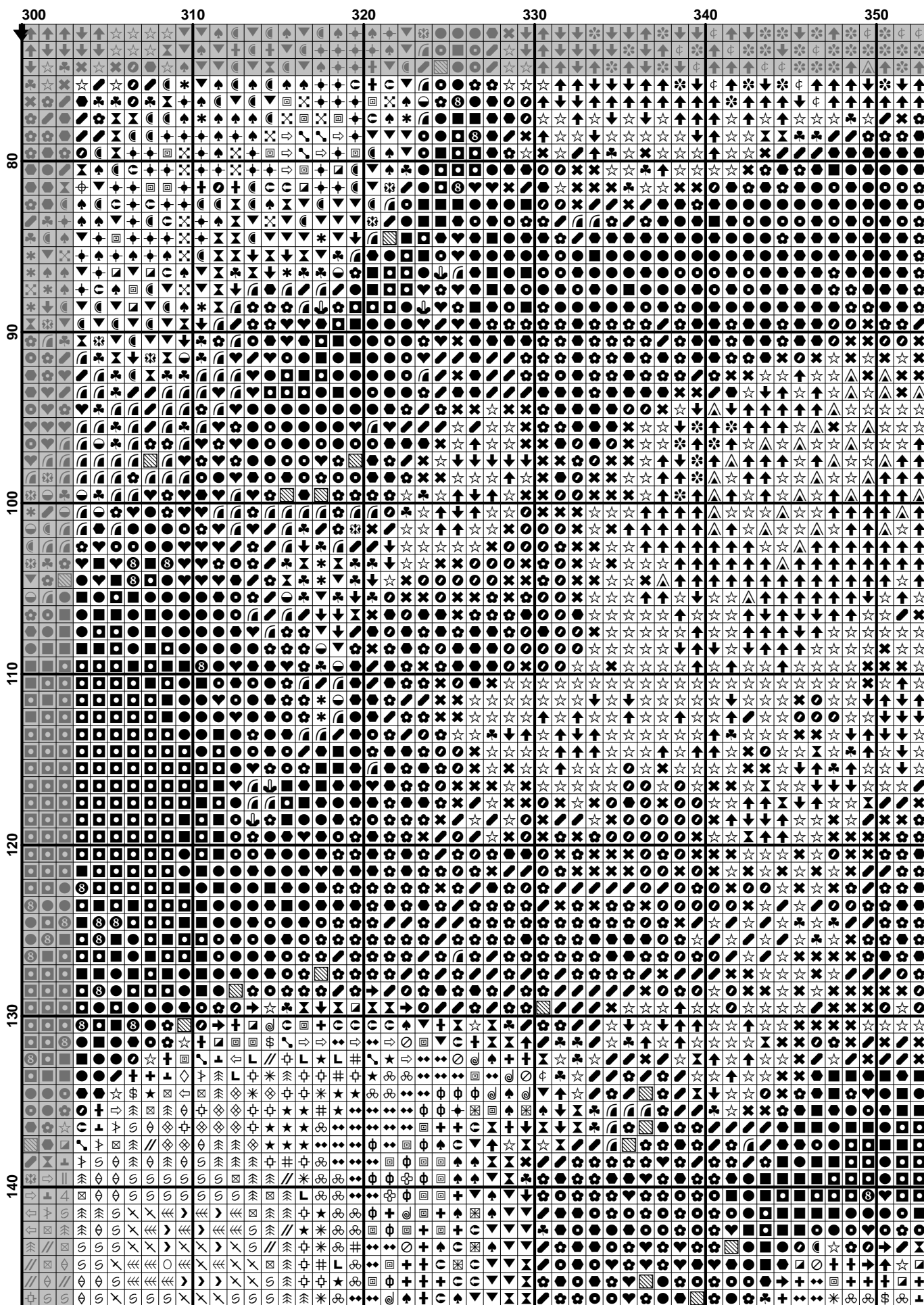


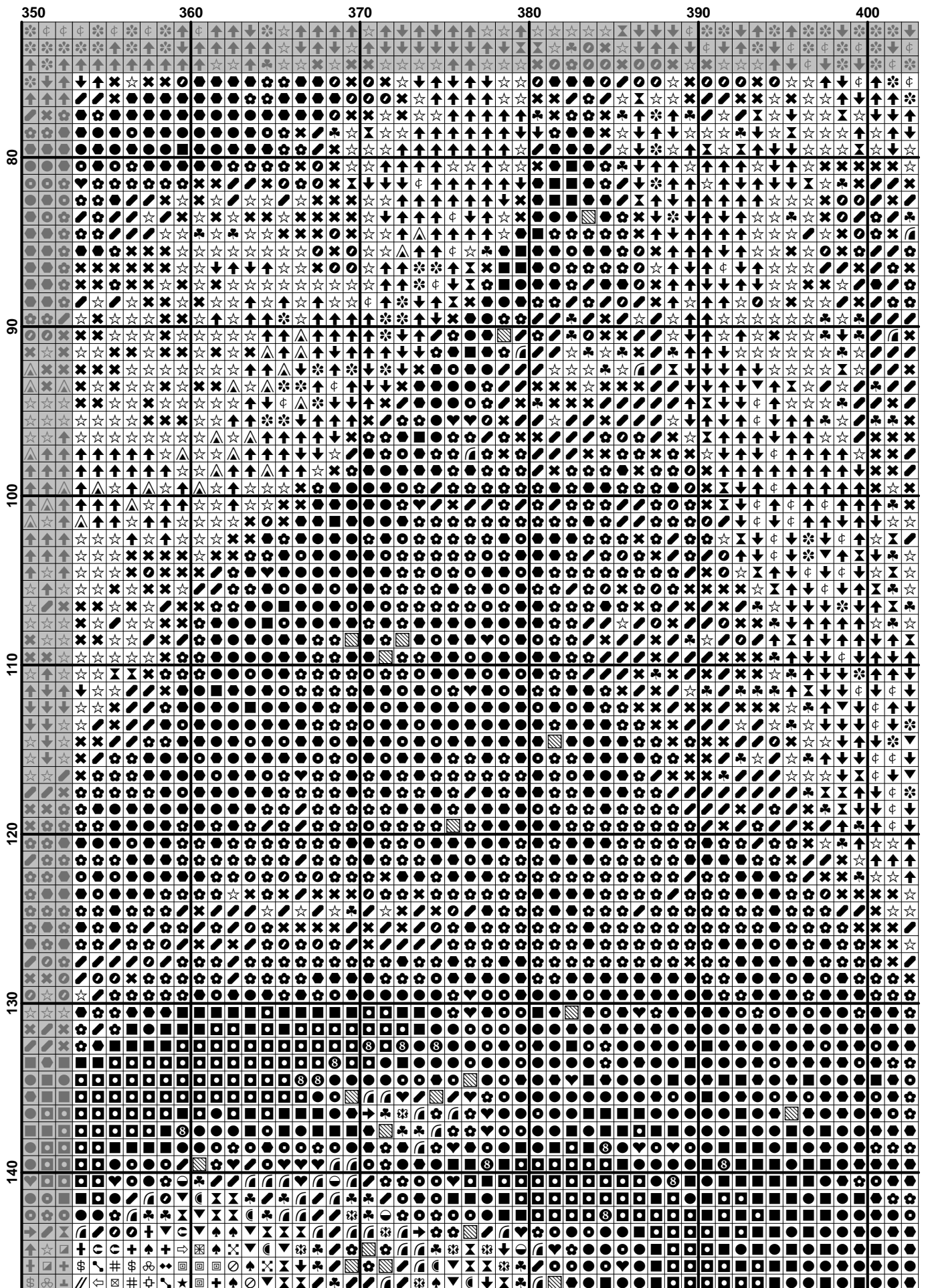


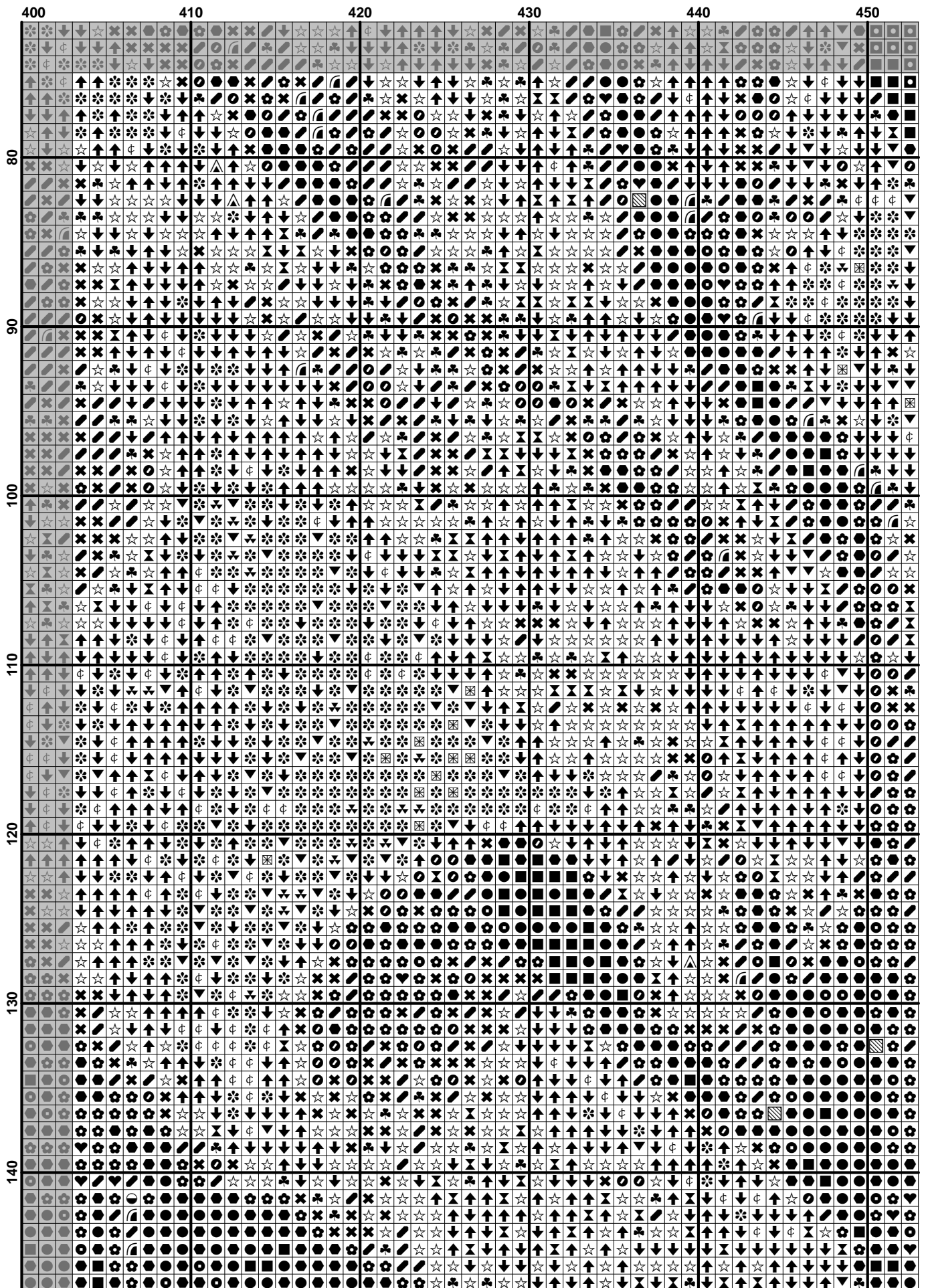
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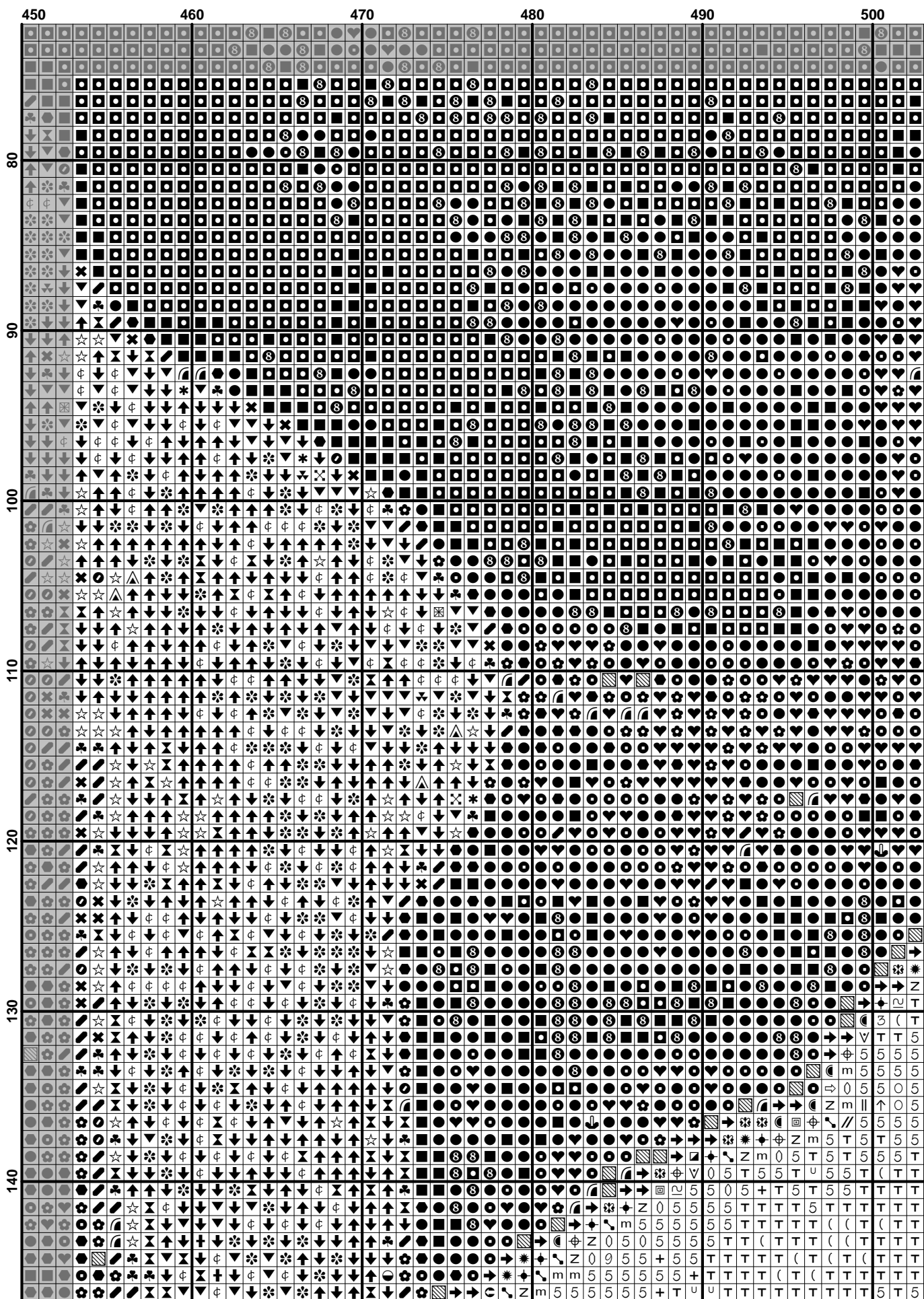




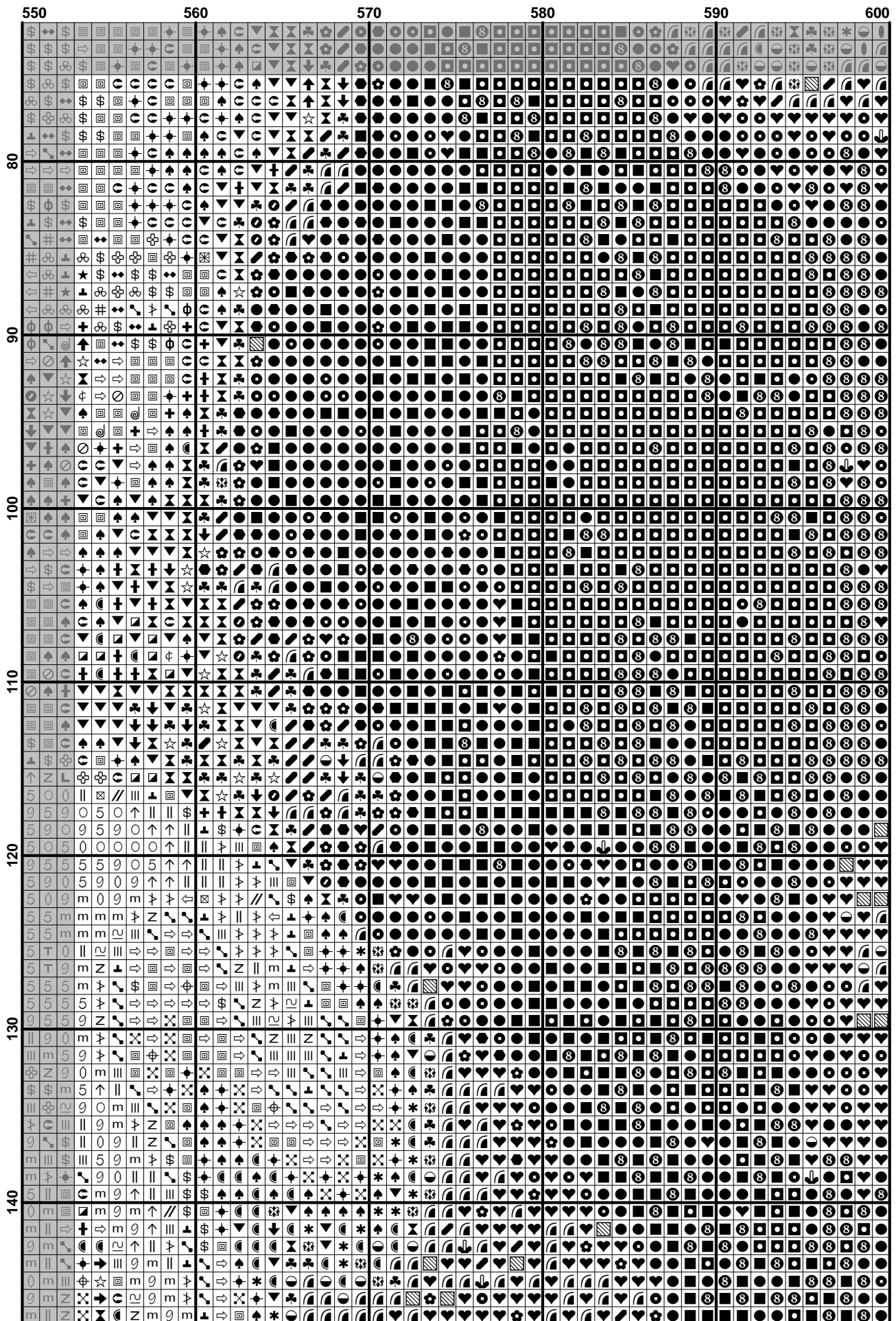


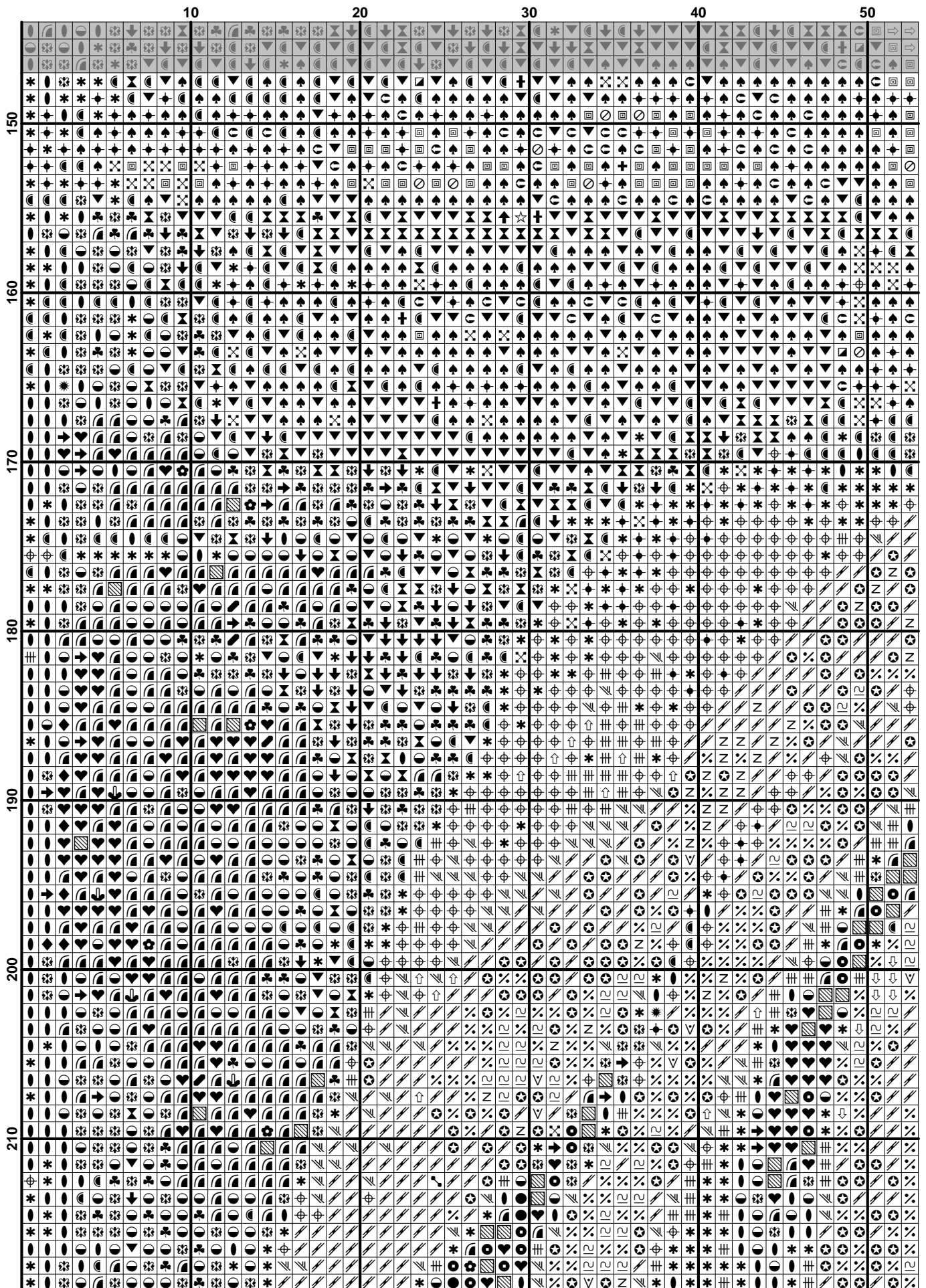






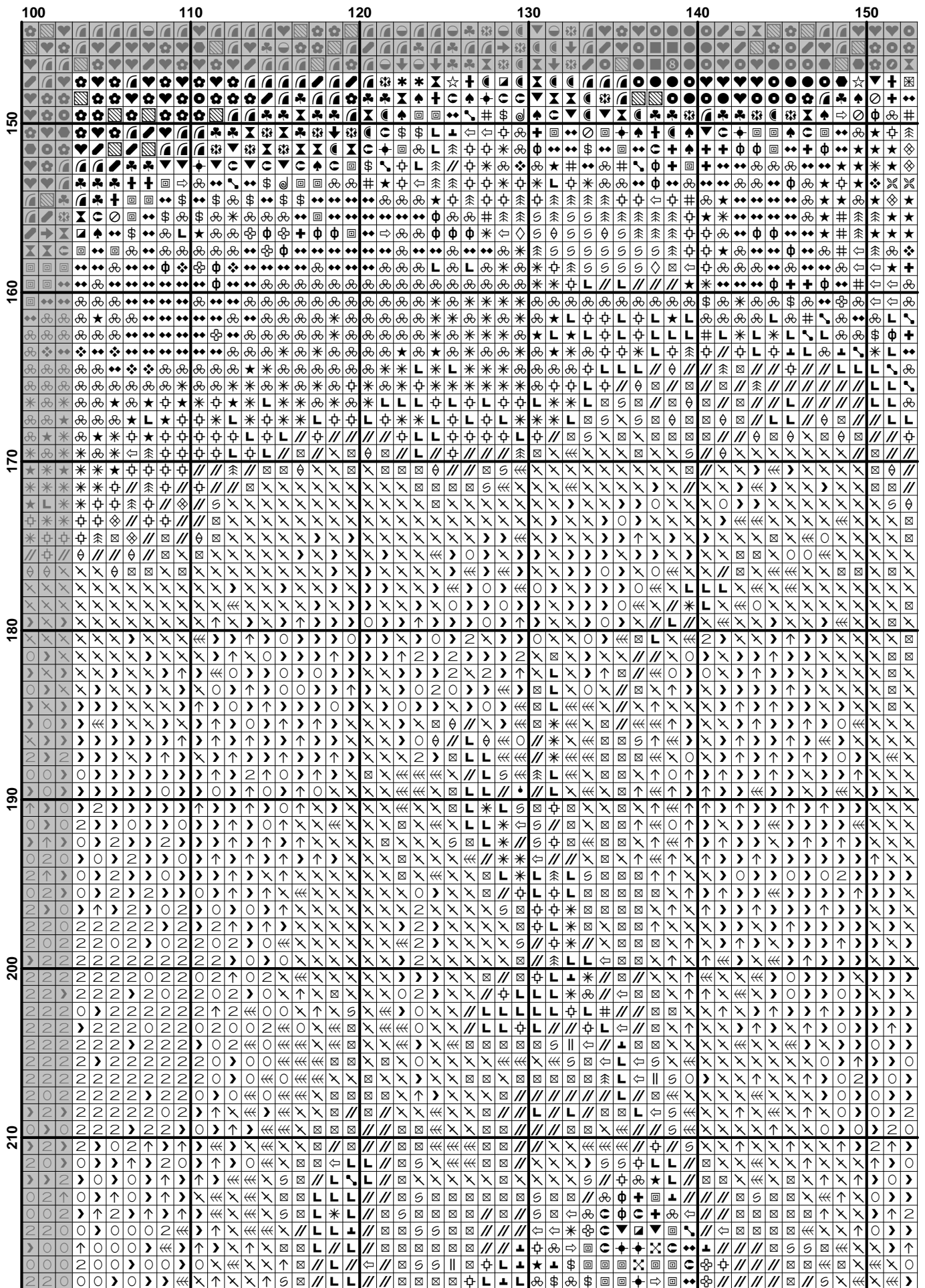
|     | 500 | 510 | 520 | 530 | 540 | 550 |
|-----|-----|-----|-----|-----|-----|-----|
| 80  | 8   | 8   | 8   | 8   | 8   | 8   |
| 90  | 8   | 8   | 8   | 8   | 8   | 8   |
| 100 | 8   | 8   | 8   | 8   | 8   | 8   |
| 110 | 8   | 8   | 8   | 8   | 8   | 8   |
| 120 | 8   | 8   | 8   | 8   | 8   | 8   |
| 130 | 8   | 8   | 8   | 8   | 8   | 8   |
| 140 | 8   | 8   | 8   | 8   | 8   | 8   |

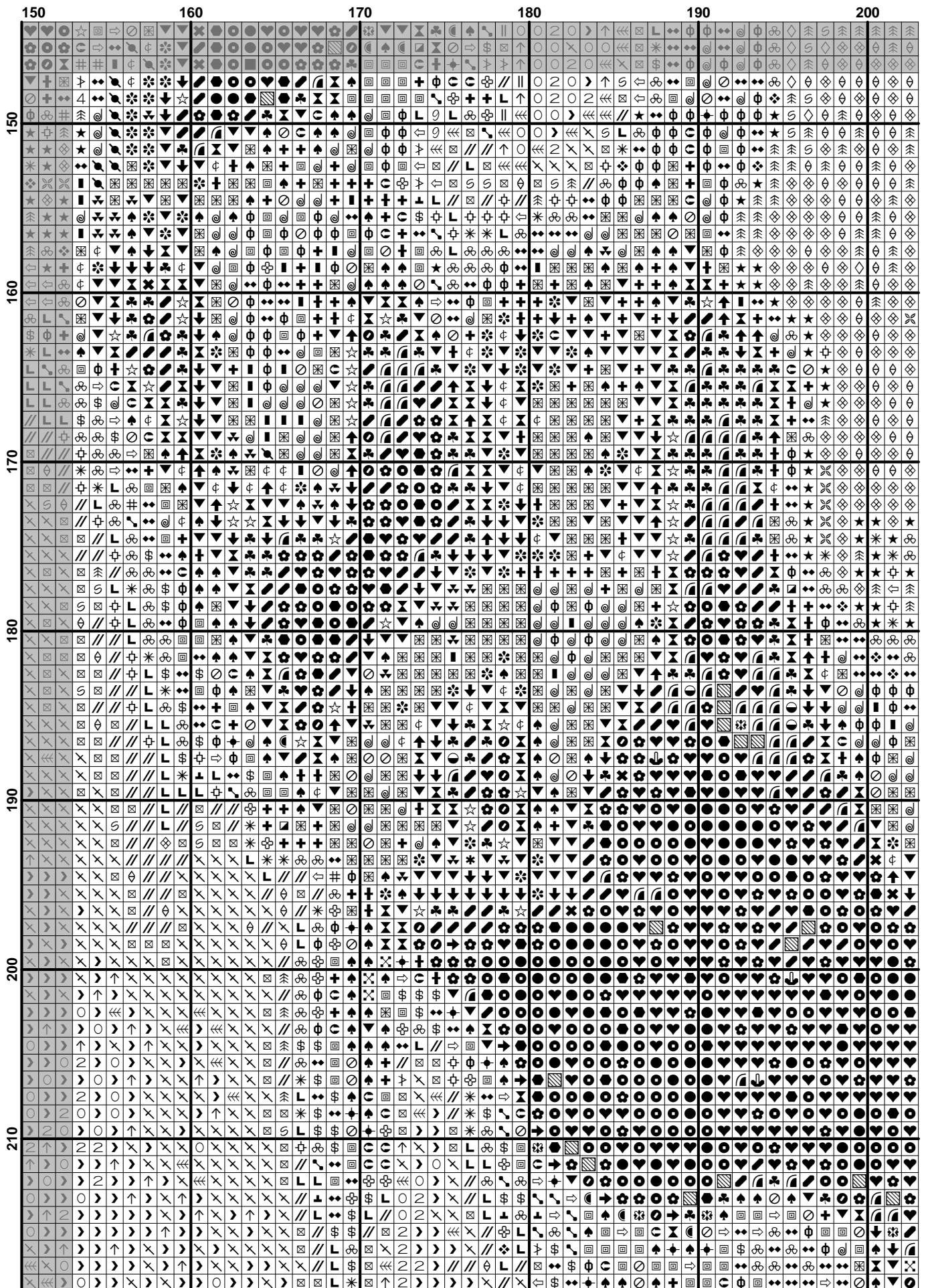






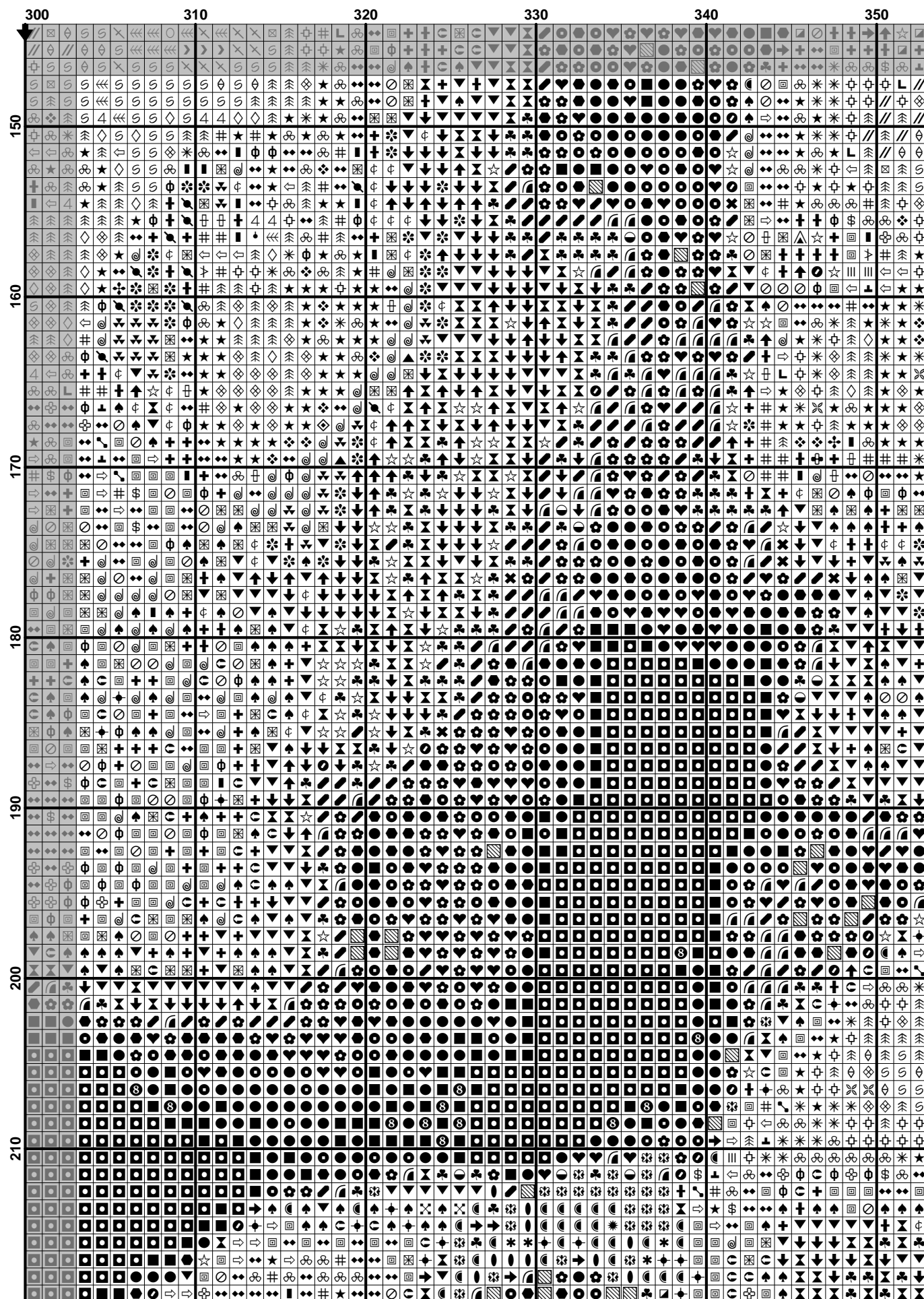
|     | 50 | 60 | 70 | 80 | 90 | 100 |
|-----|----|----|----|----|----|-----|
| 150 |    |    |    |    |    |     |
| 160 |    |    |    |    |    |     |
| 170 |    |    |    |    |    |     |
| 180 |    |    |    |    |    |     |
| 190 |    |    |    |    |    |     |
| 200 |    |    |    |    |    |     |
| 210 |    |    |    |    |    |     |

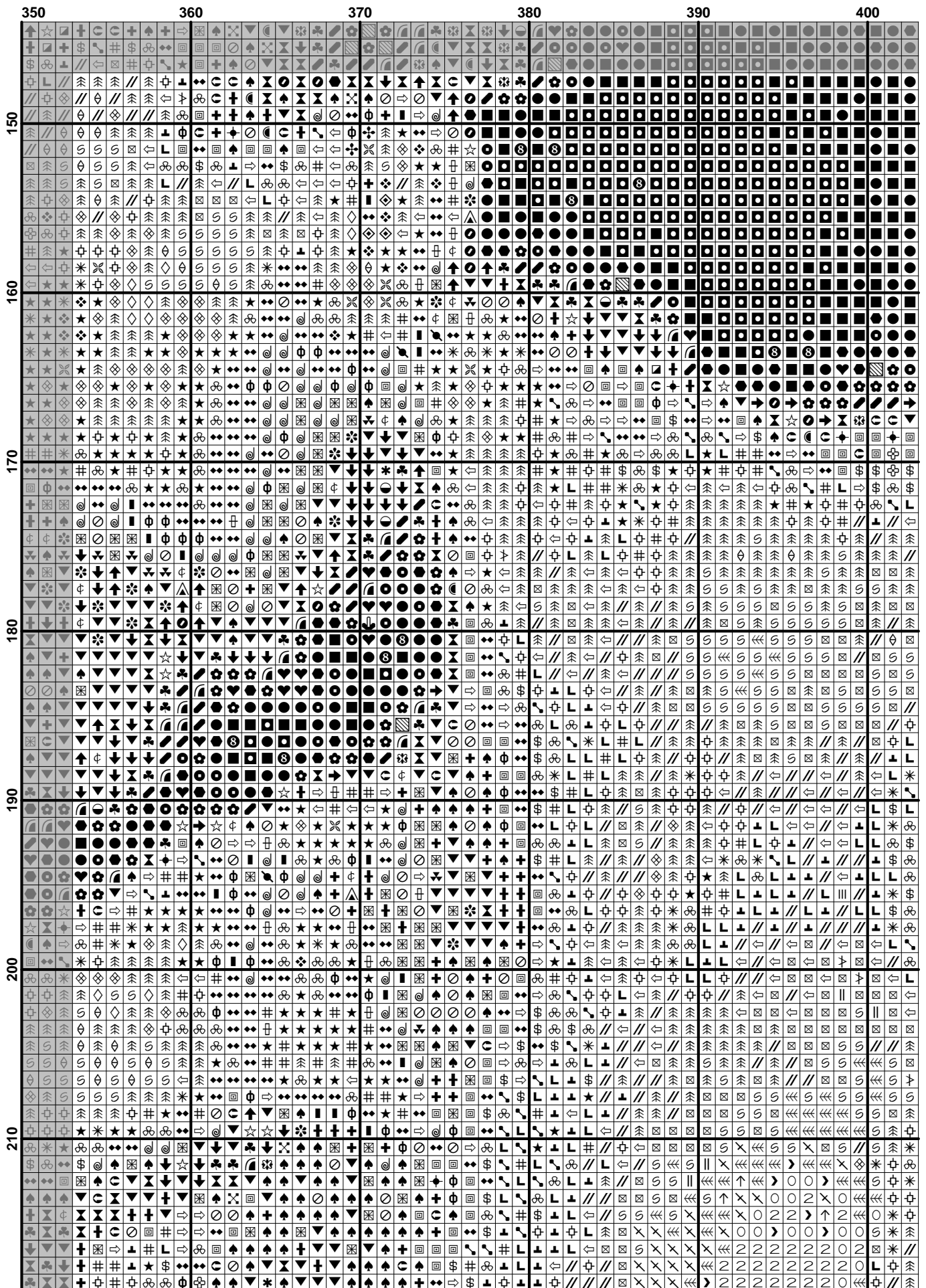




$$(41) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} \left( \sum_{k=0}^\infty \frac{(t-s)^k}{k!} f^{(k)}(s) \right) ds$$

$$(42) \quad \dots$$



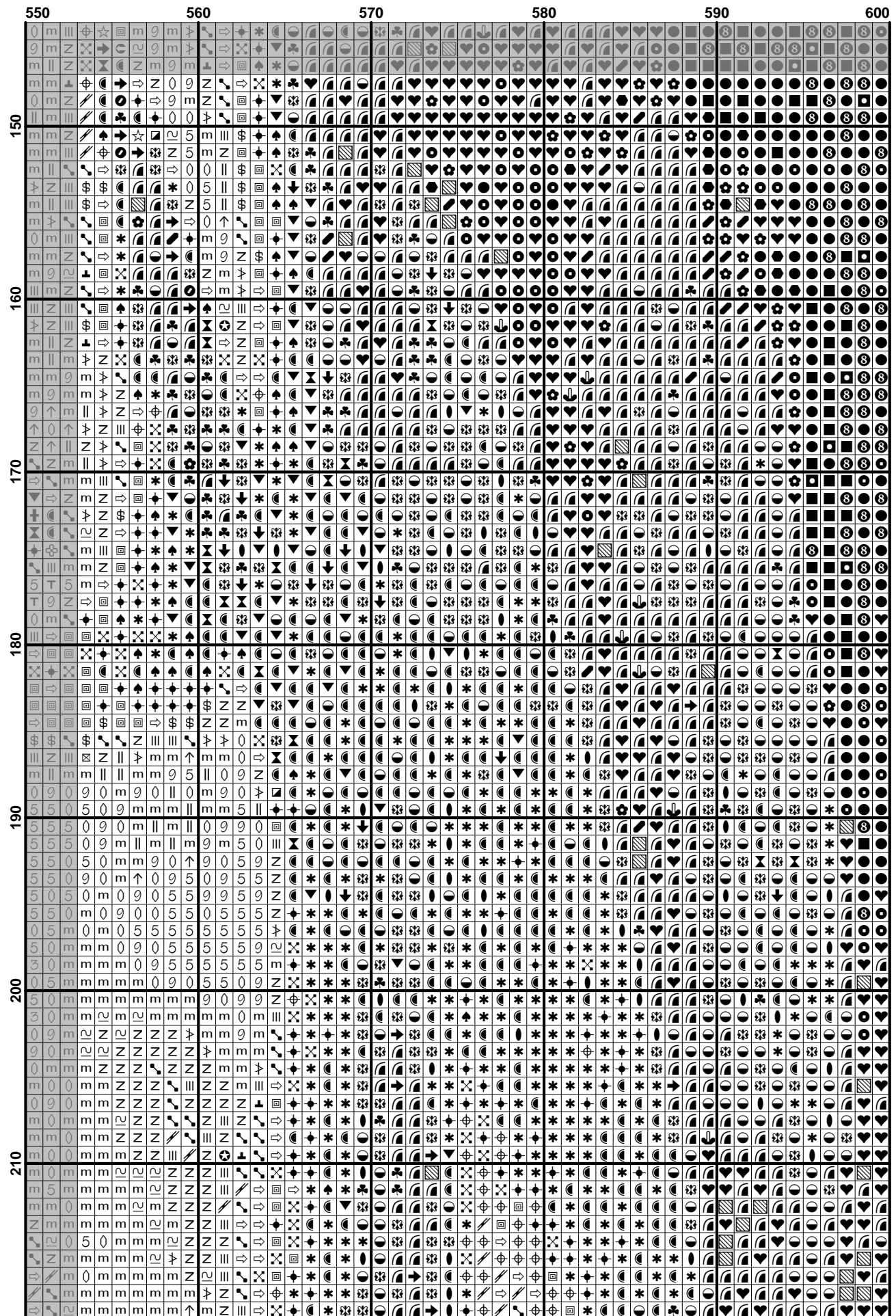




[illegible]

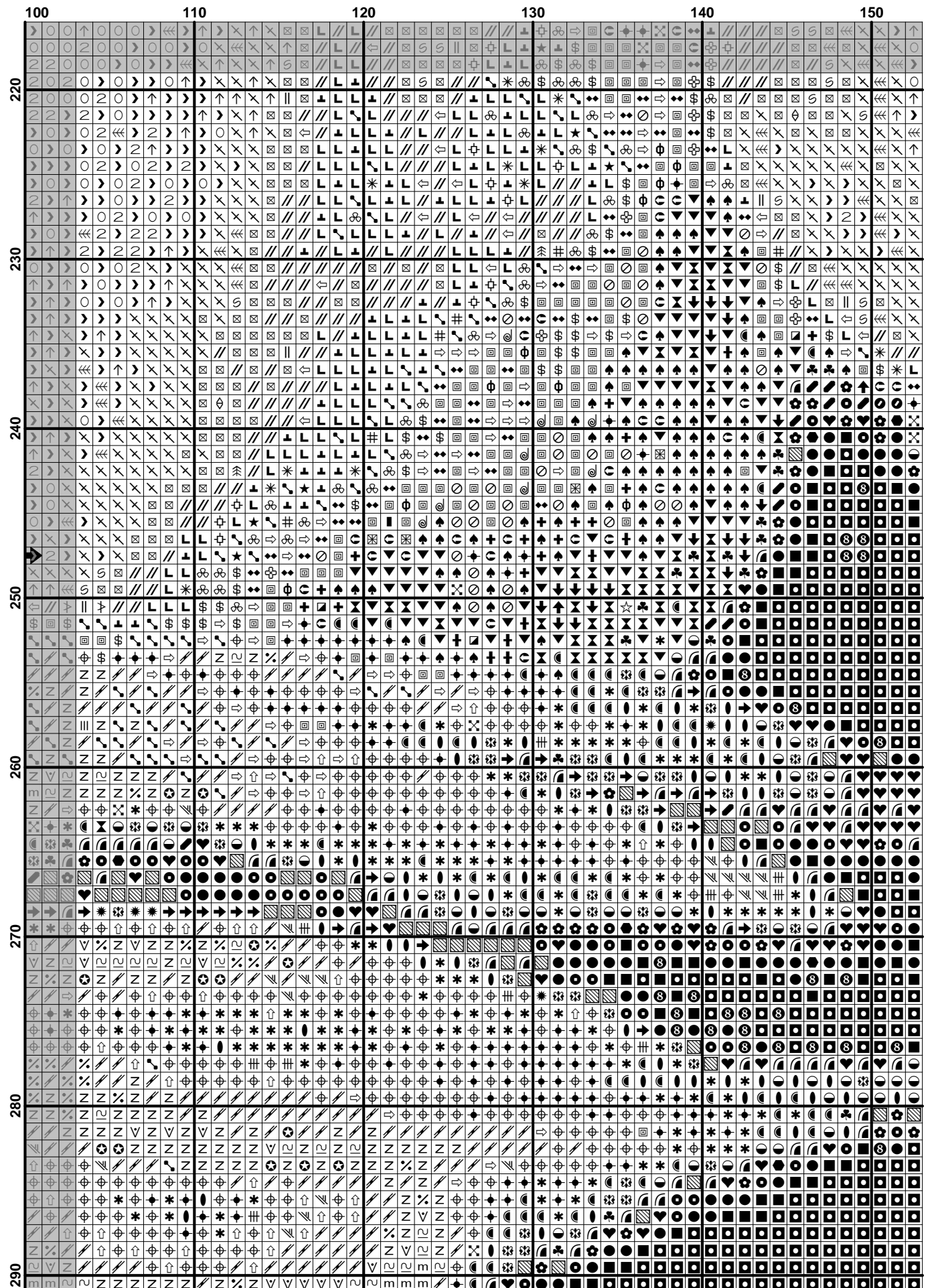
$$(46) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} \left( \sum_{k=0}^\infty \frac{(t-s)^k}{k!} f^{(k)}(s) \right) ds$$

[illegible]



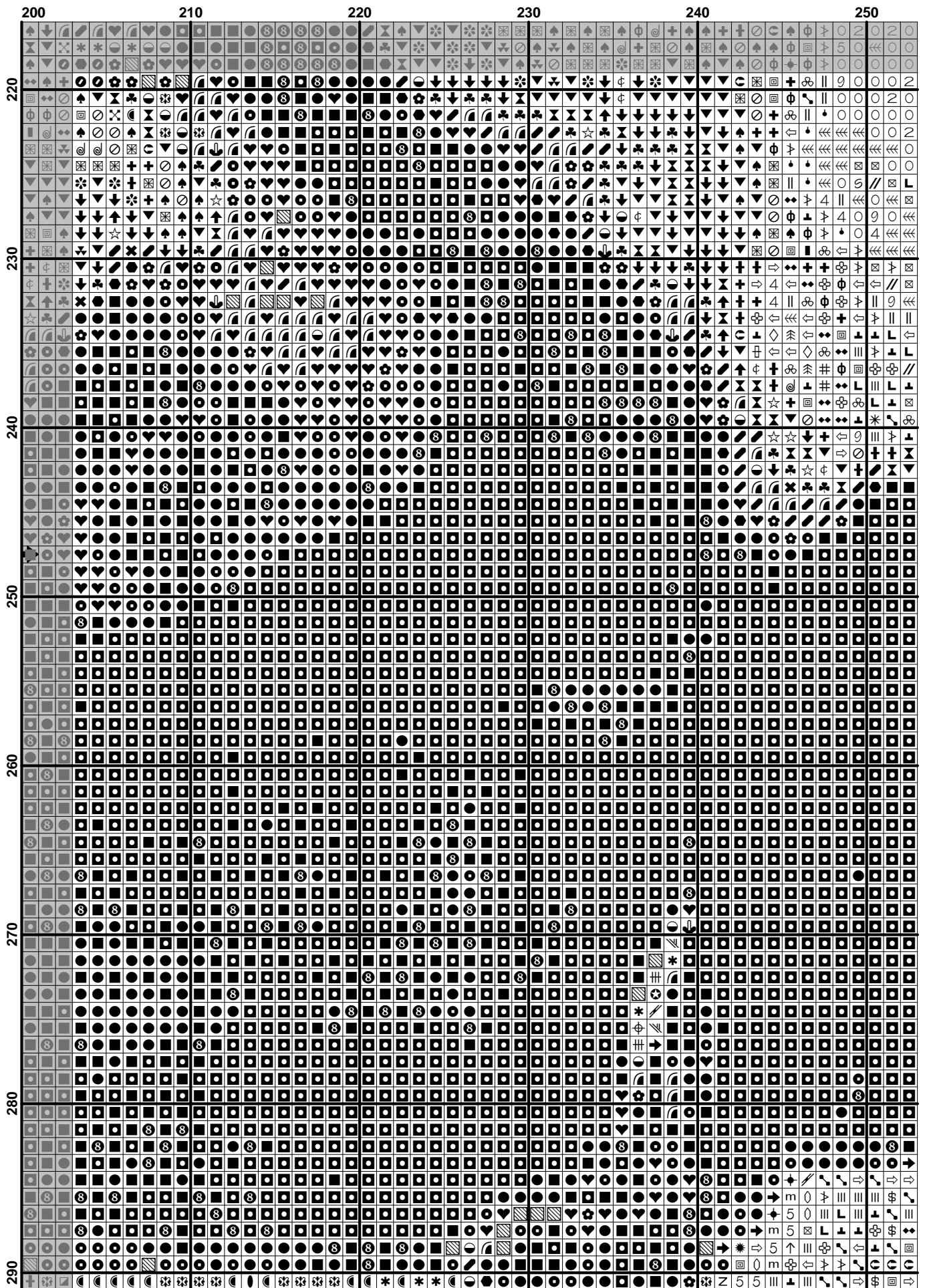


|     | 50  | 60  | 70  | 80  | 90  | 100 |
|-----|-----|-----|-----|-----|-----|-----|
| 220 | ... | ... | ... | ... | ... | ... |
| 230 | ... | ... | ... | ... | ... | ... |
| 240 | ... | ... | ... | ... | ... | ... |
| 250 | ... | ... | ... | ... | ... | ... |
| 260 | ... | ... | ... | ... | ... | ... |
| 270 | ... | ... | ... | ... | ... | ... |
| 280 | ... | ... | ... | ... | ... | ... |
| 290 | ... | ... | ... | ... | ... | ... |

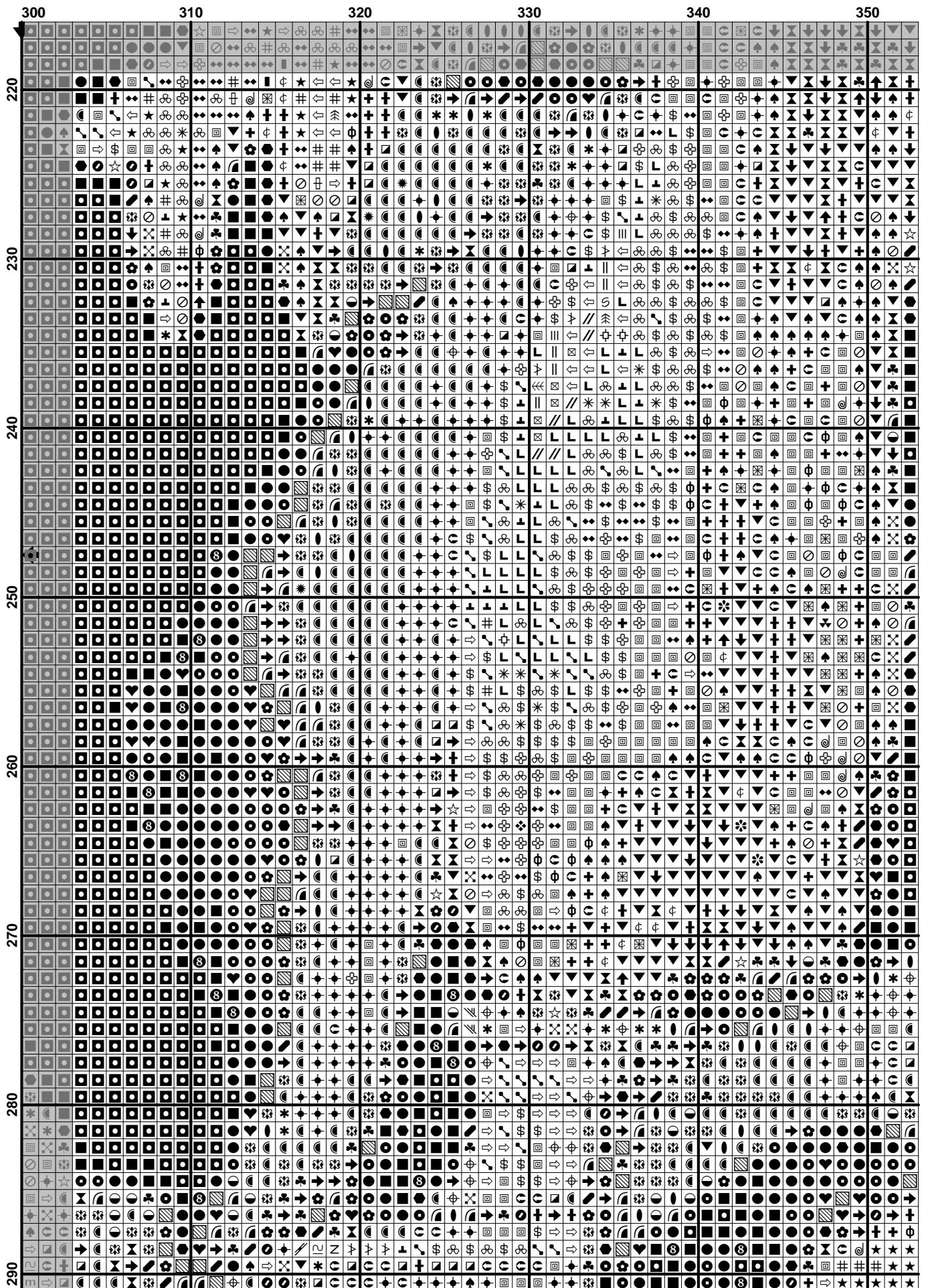


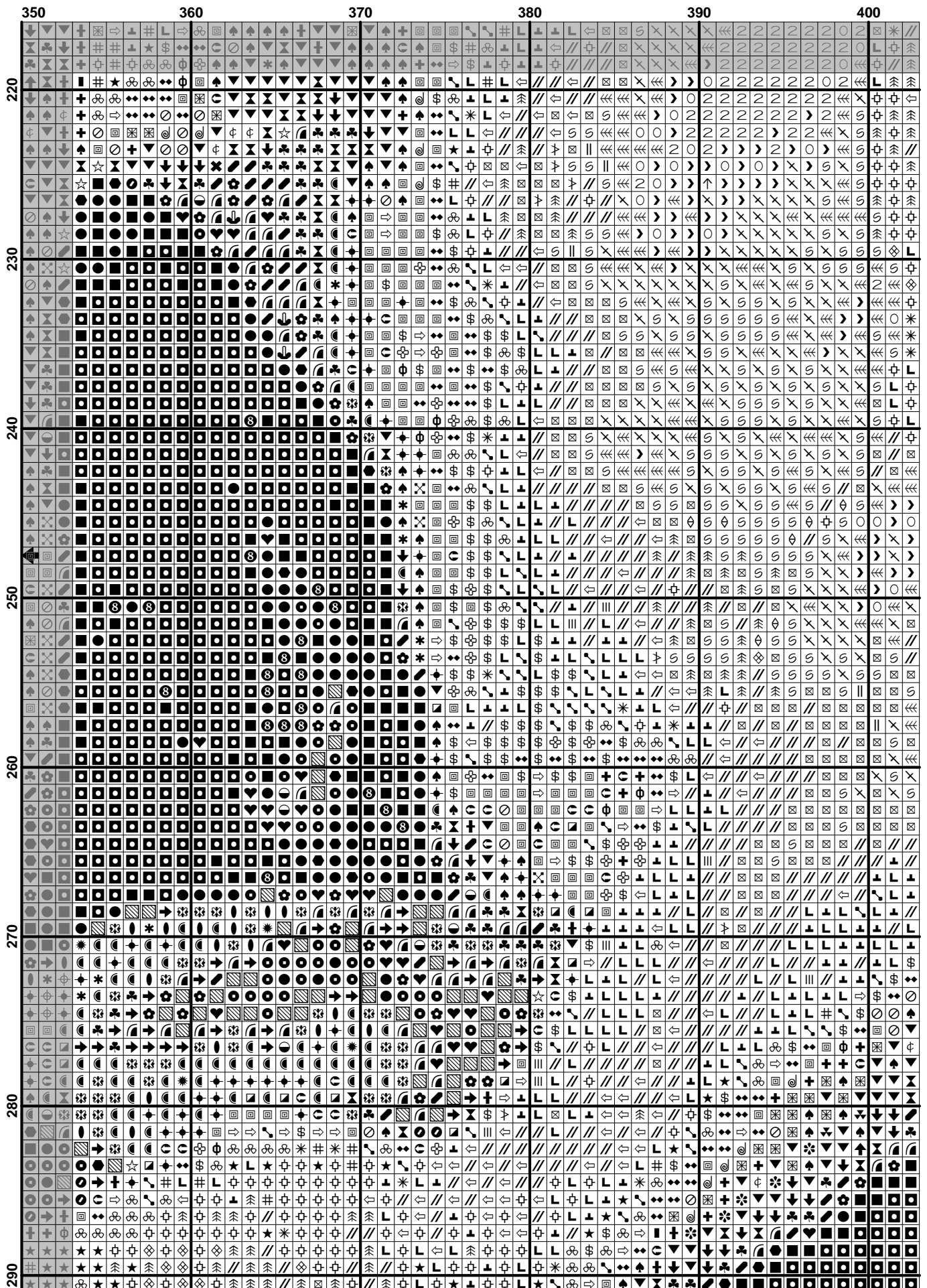


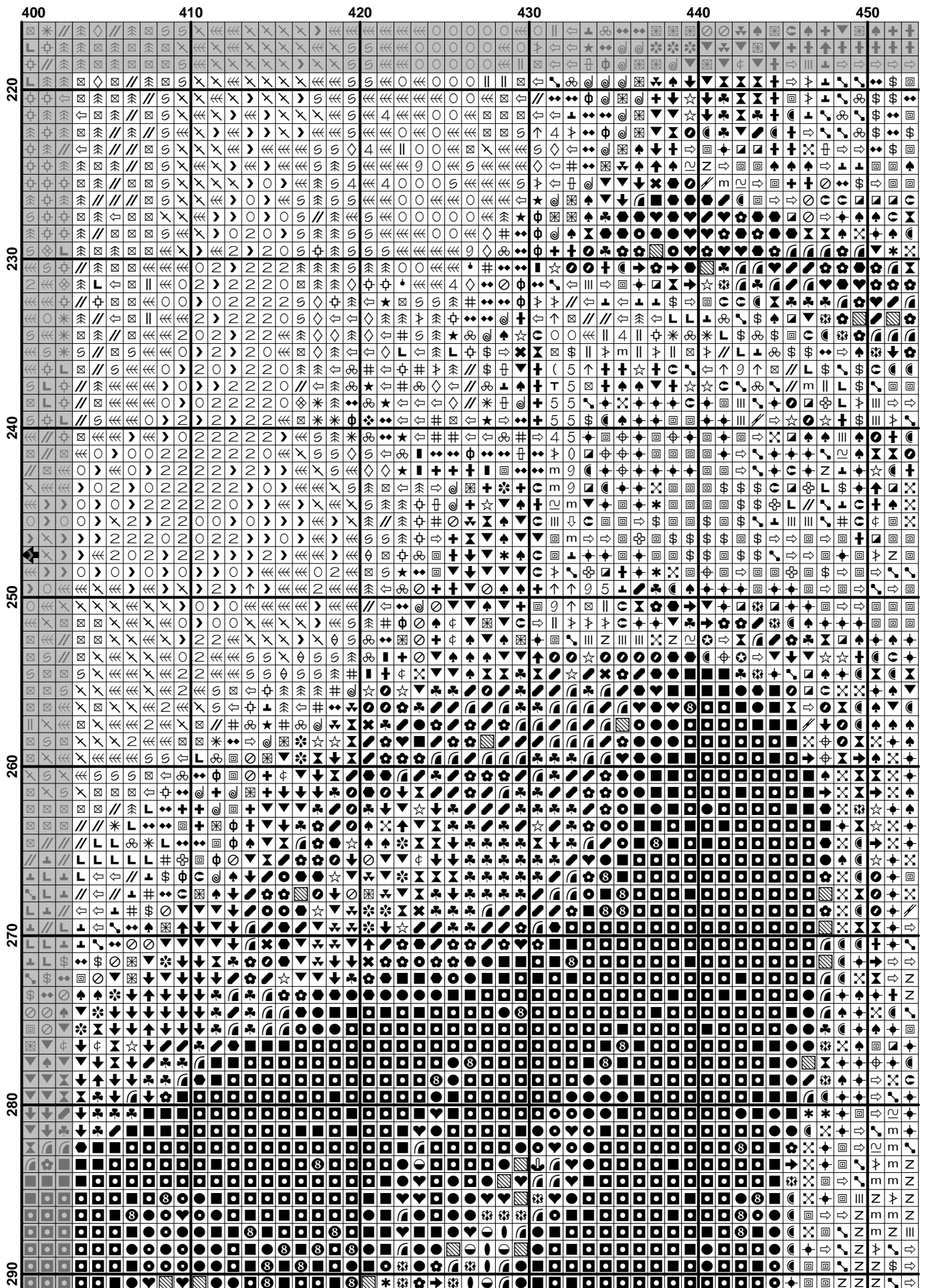
[illegible]



$$(54) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds + \frac{1}{\Gamma(\alpha)} \int_t^\infty (t-s)^{\alpha-1} f(s) ds$$





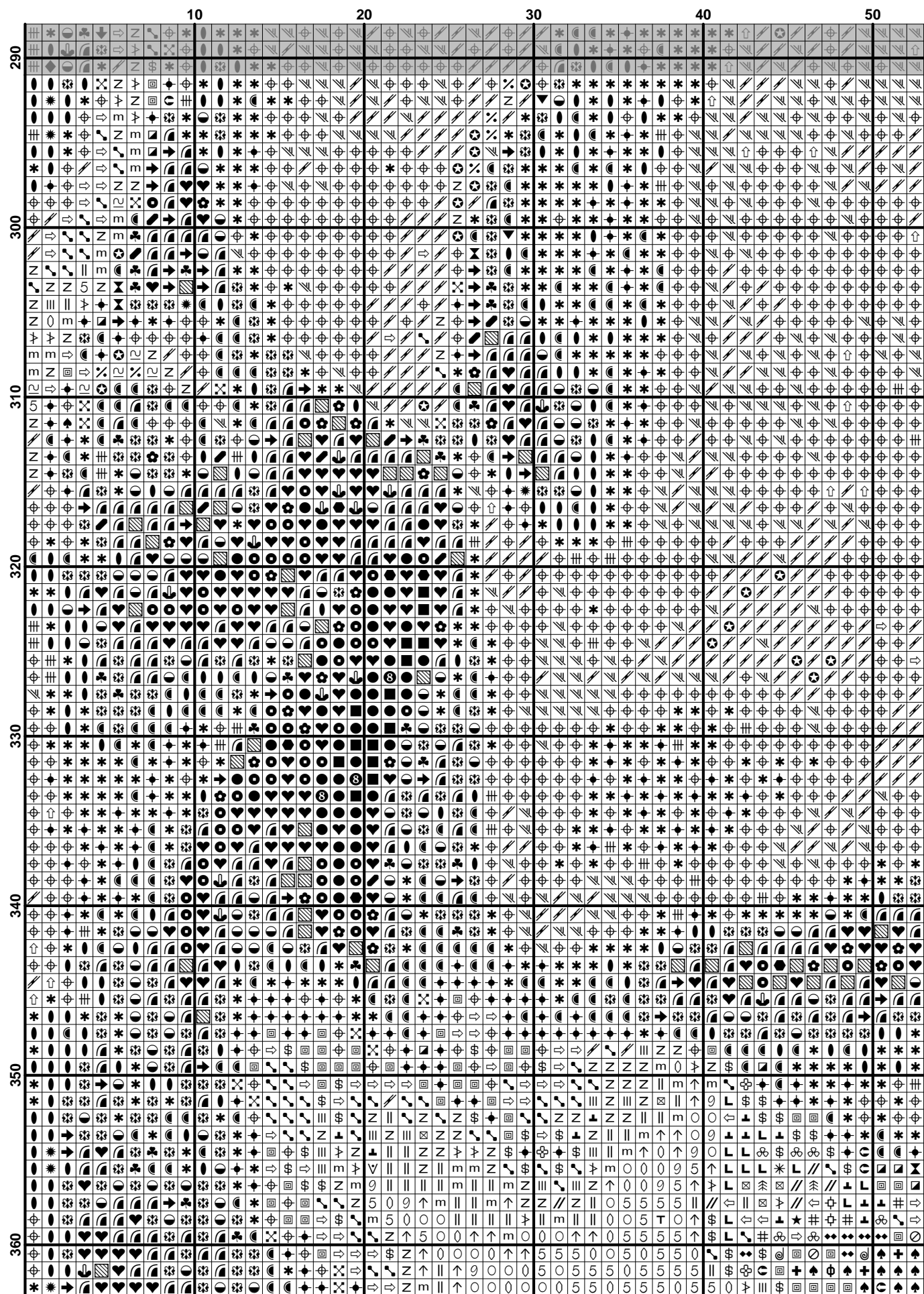


[illegible]



$$(59) \quad \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds = \frac{1}{\Gamma(\alpha)} \int_0^t (t-s)^{\alpha-1} f(s) ds$$

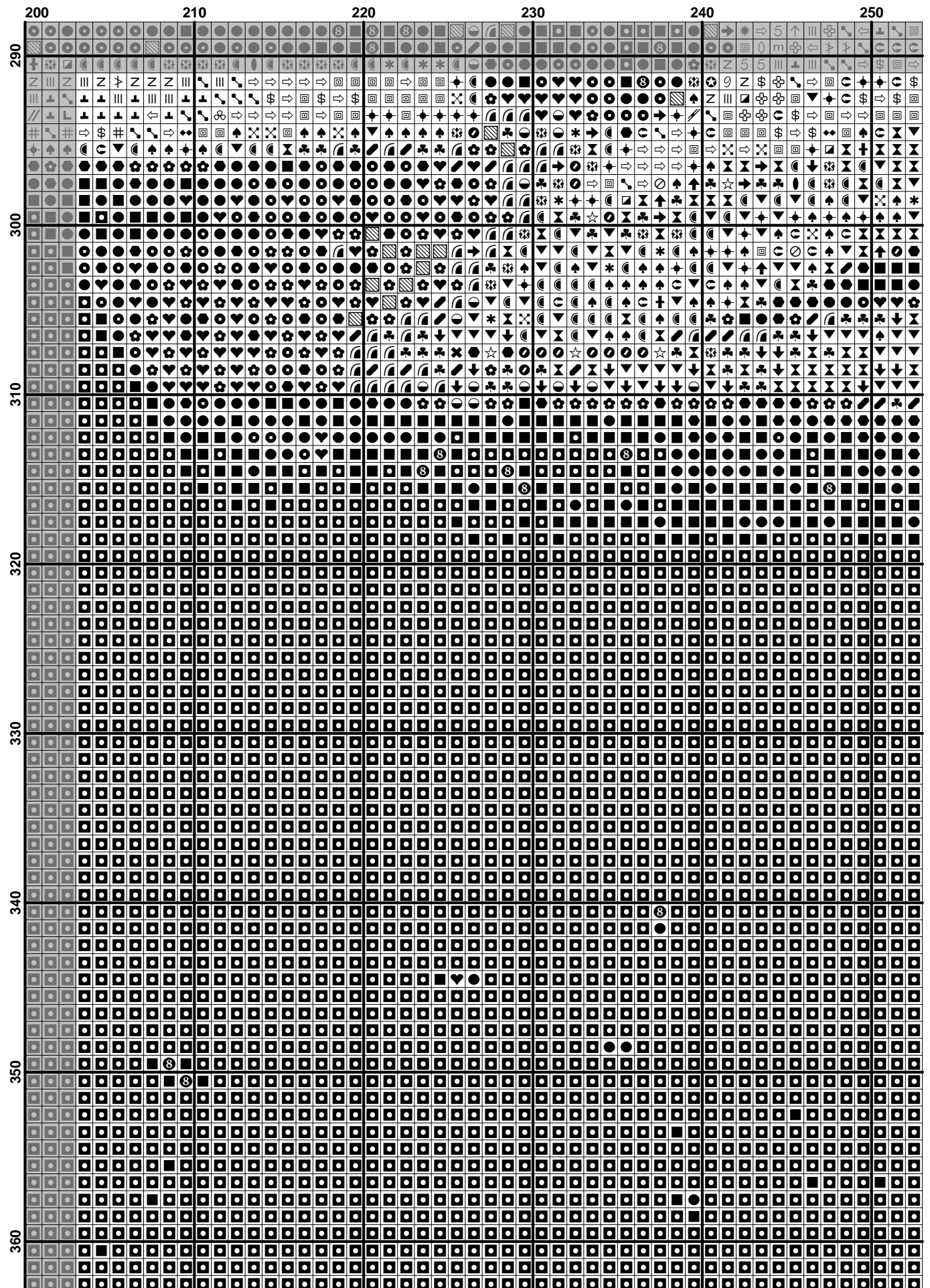
|     | 550 | 560 | 570 | 580 | 590 | 600 |
|-----|-----|-----|-----|-----|-----|-----|
| 220 | ... | ... | ... | ... | ... | ... |
| 230 | ... | ... | ... | ... | ... | ... |
| 240 | ... | ... | ... | ... | ... | ... |
| 250 | ... | ... | ... | ... | ... | ... |
| 260 | ... | ... | ... | ... | ... | ... |
| 270 | ... | ... | ... | ... | ... | ... |
| 280 | ... | ... | ... | ... | ... | ... |
| 290 | ... | ... | ... | ... | ... | ... |



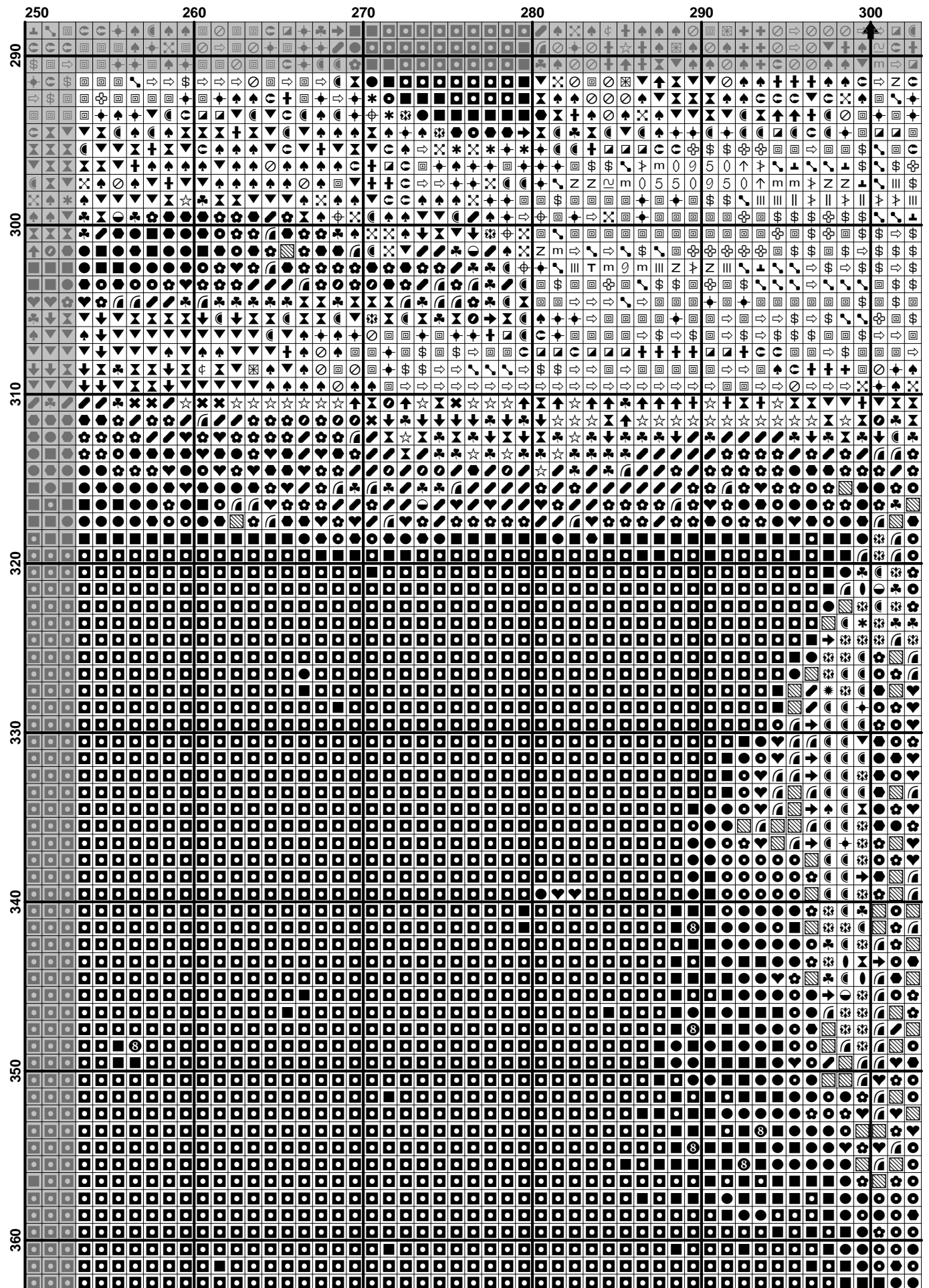
[illegible]

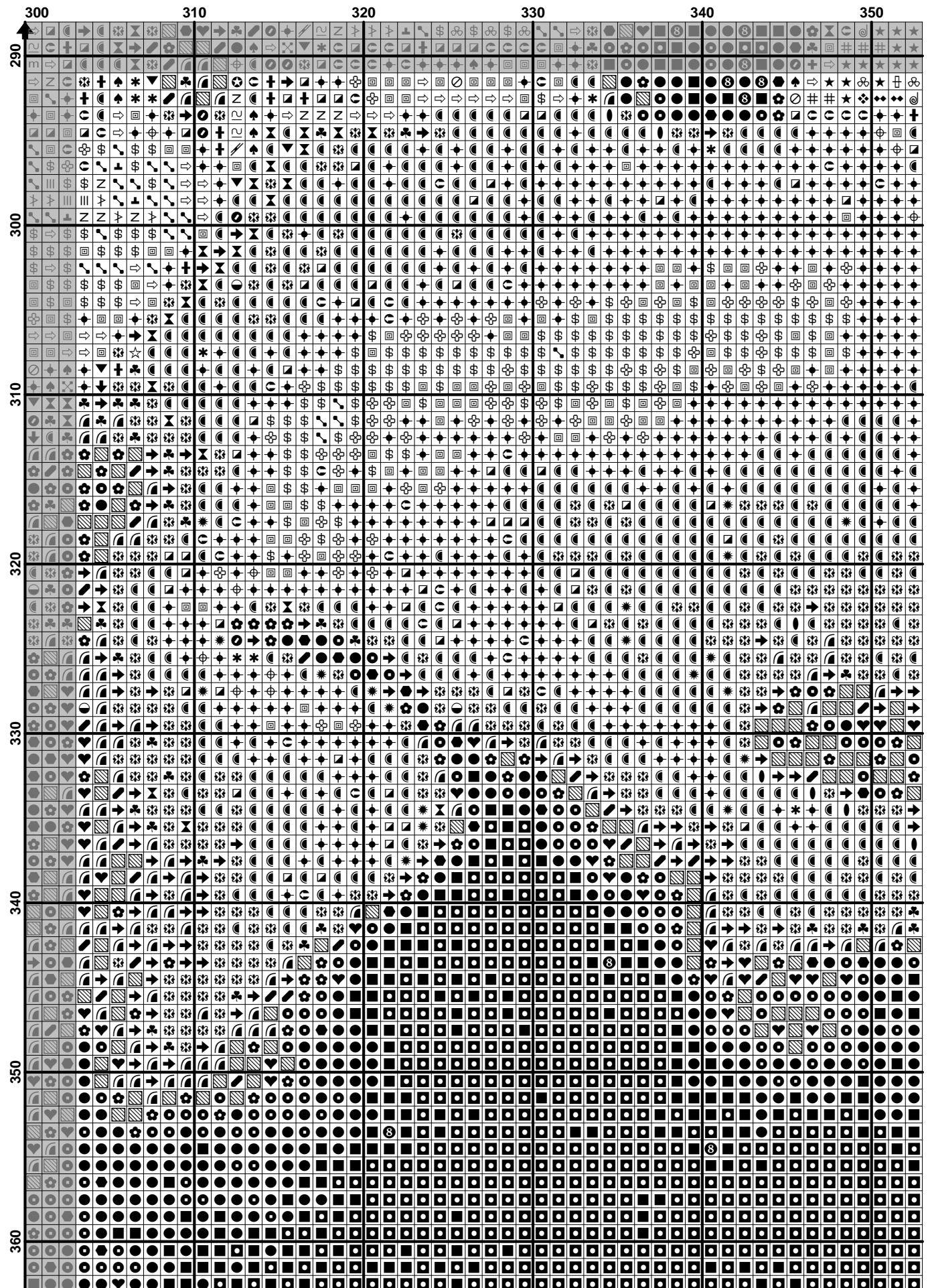


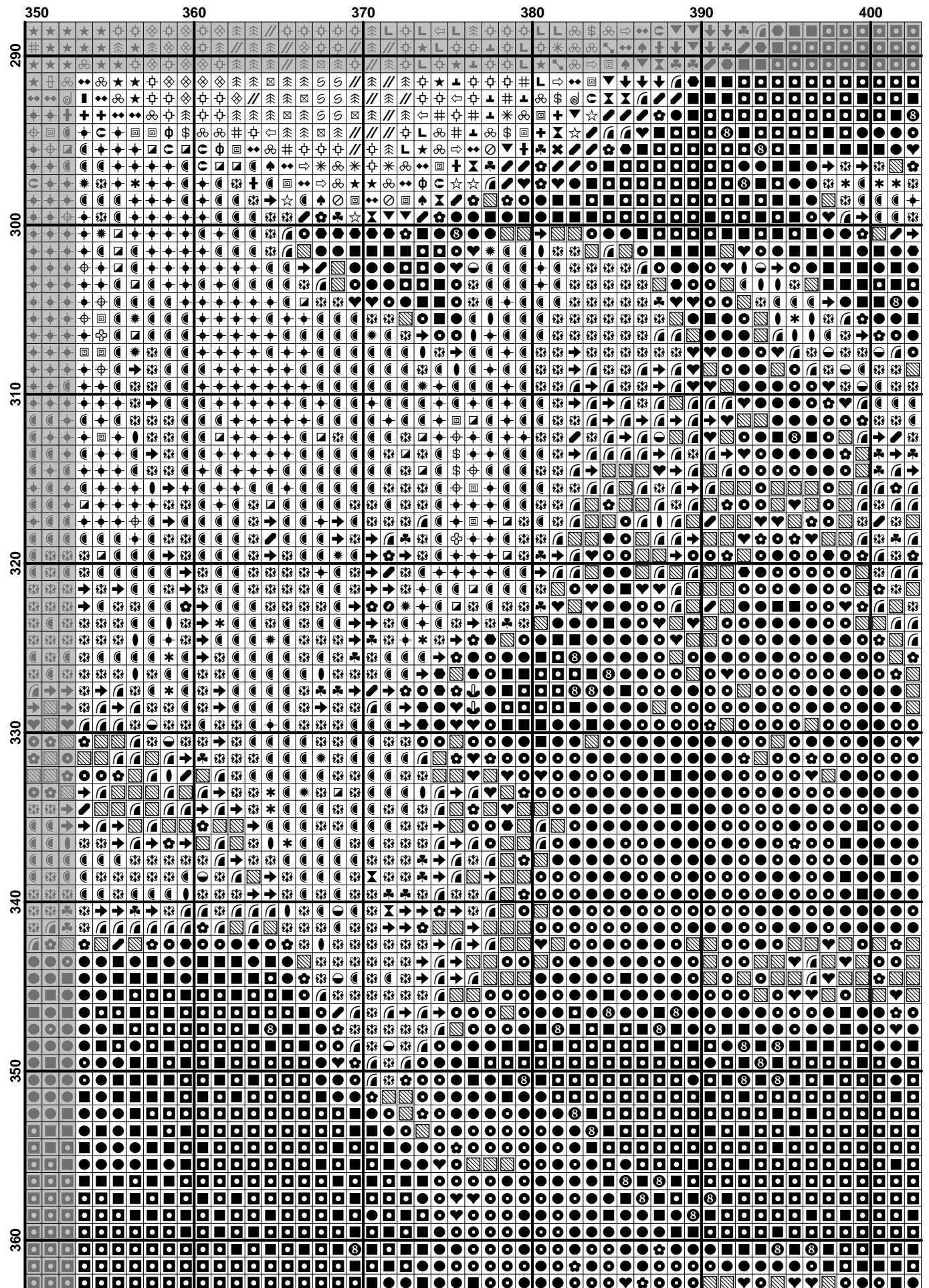


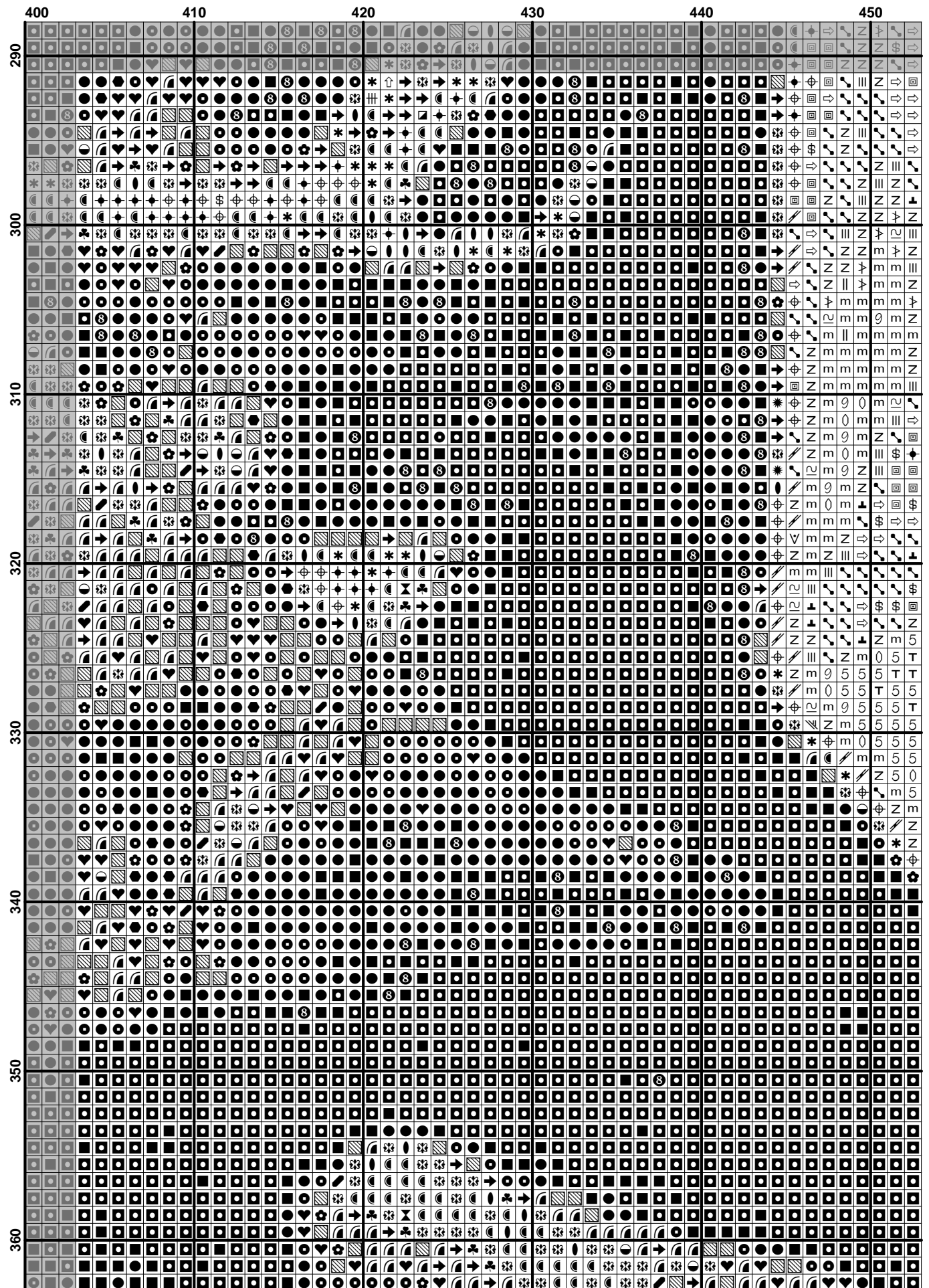












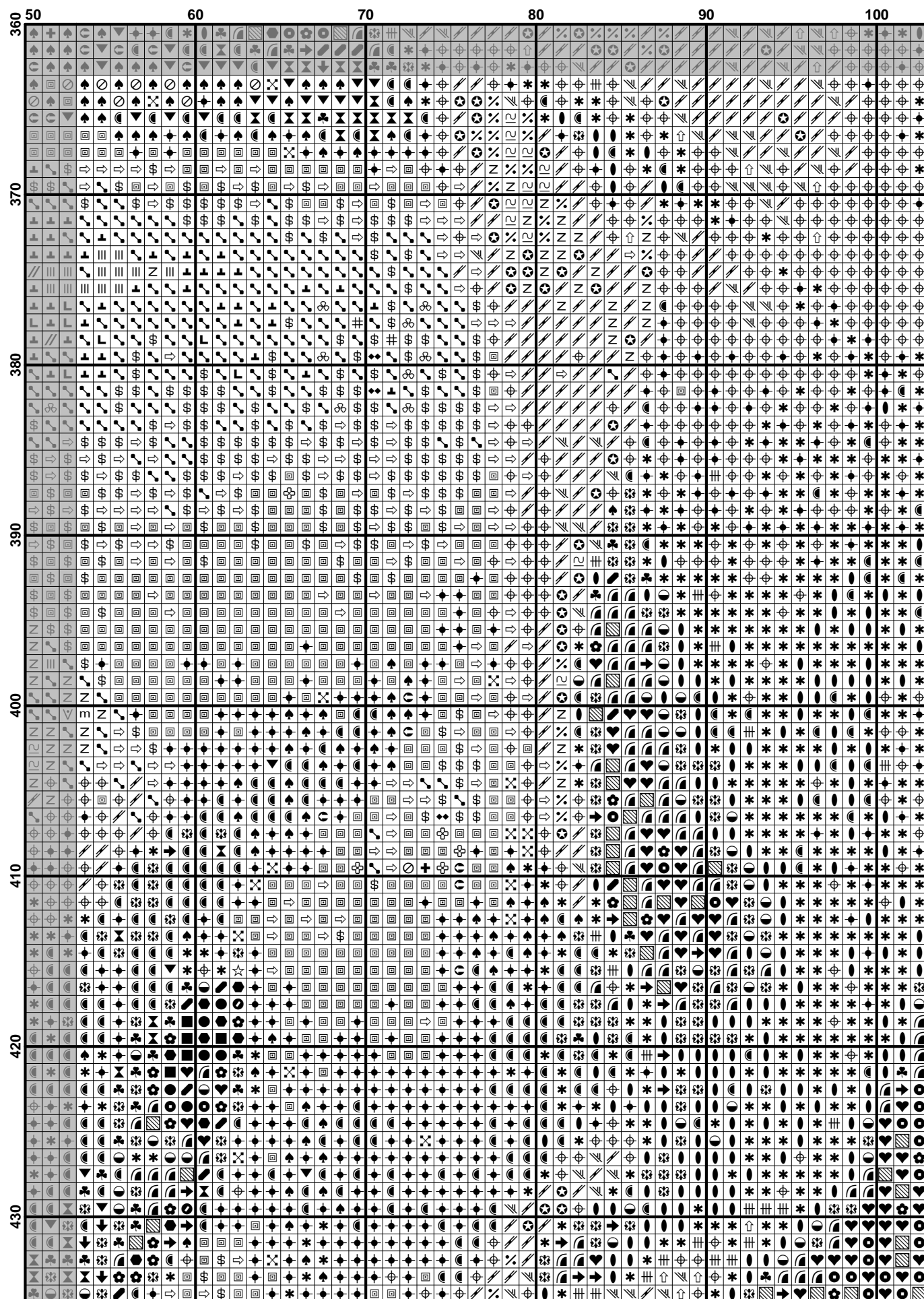
(71)

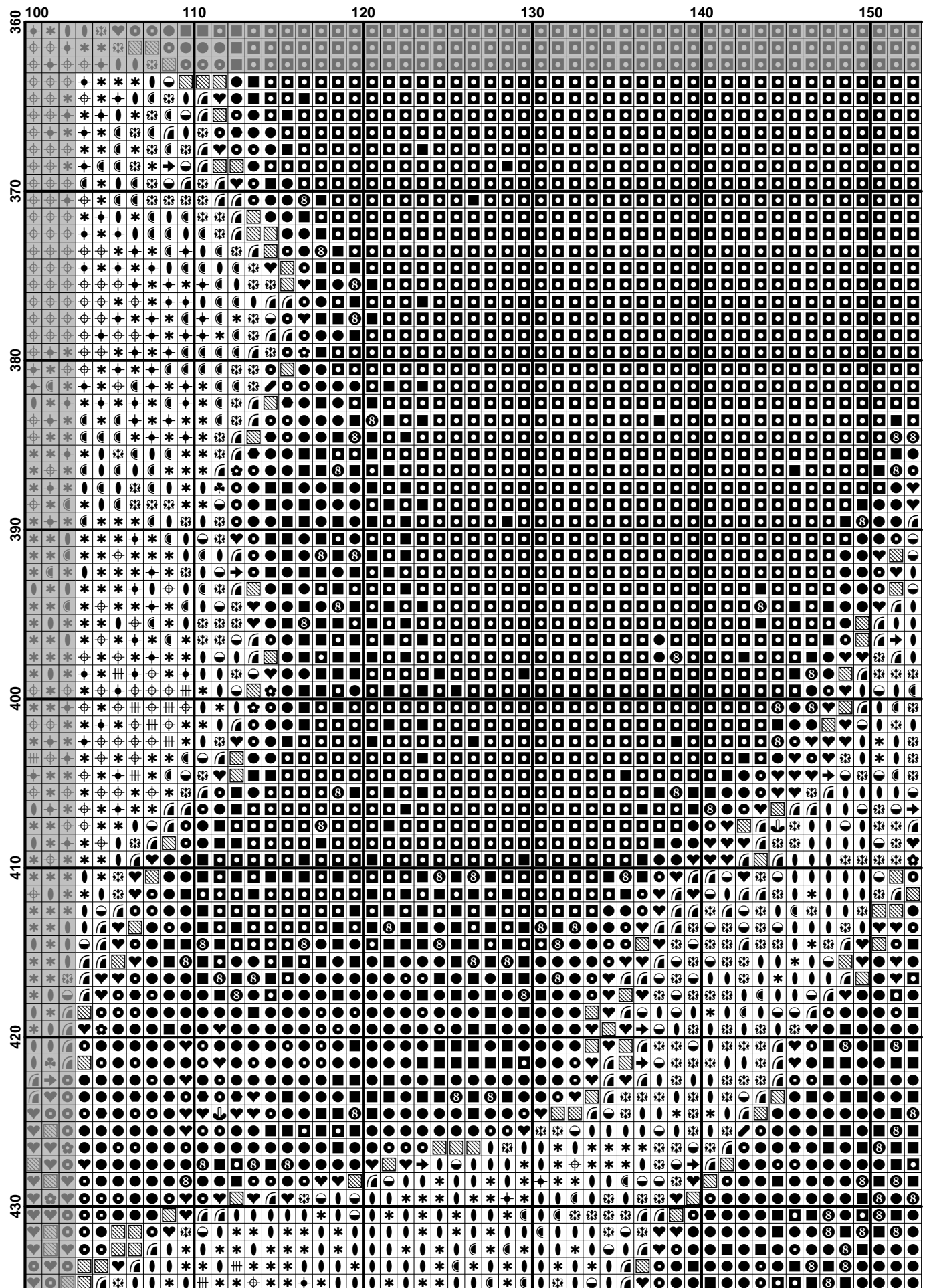
[illegible]

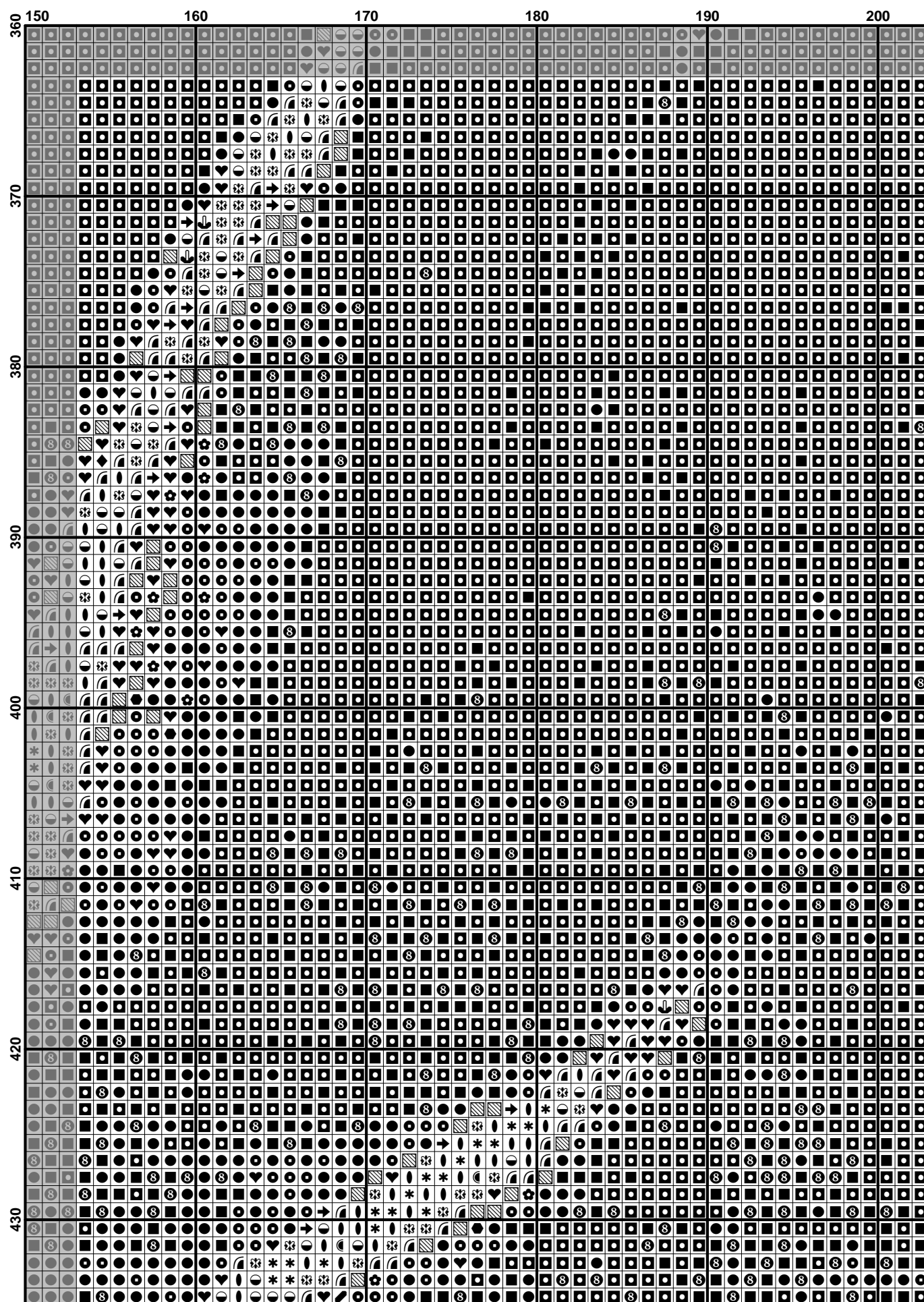
(72)

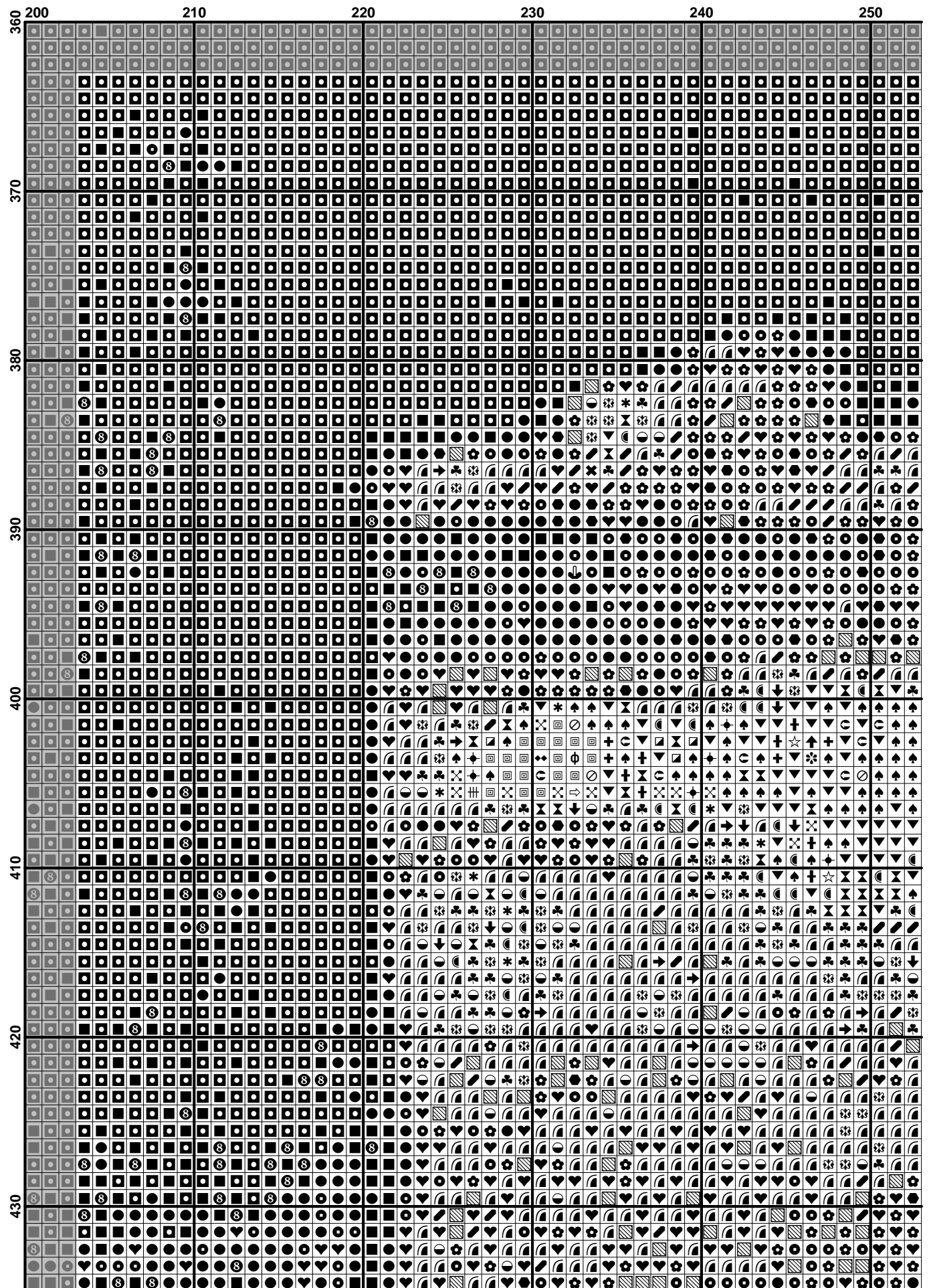


|     | 10 | 20 | 30 | 40 | 50 |
|-----|----|----|----|----|----|
| 360 |    |    |    |    |    |
| 370 |    |    |    |    |    |
| 380 |    |    |    |    |    |
| 390 |    |    |    |    |    |
| 400 |    |    |    |    |    |
| 410 |    |    |    |    |    |
| 420 |    |    |    |    |    |
| 430 |    |    |    |    |    |

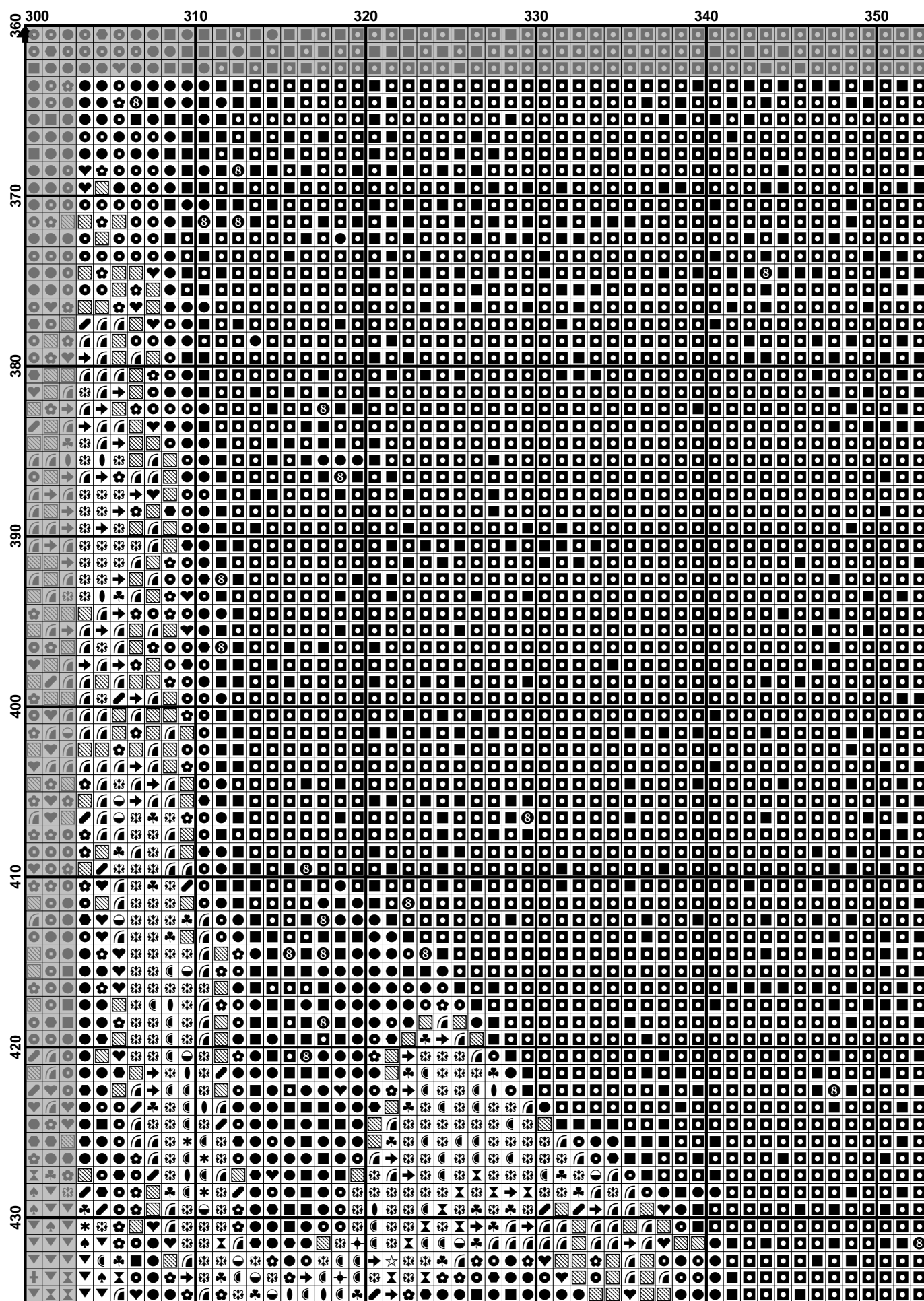




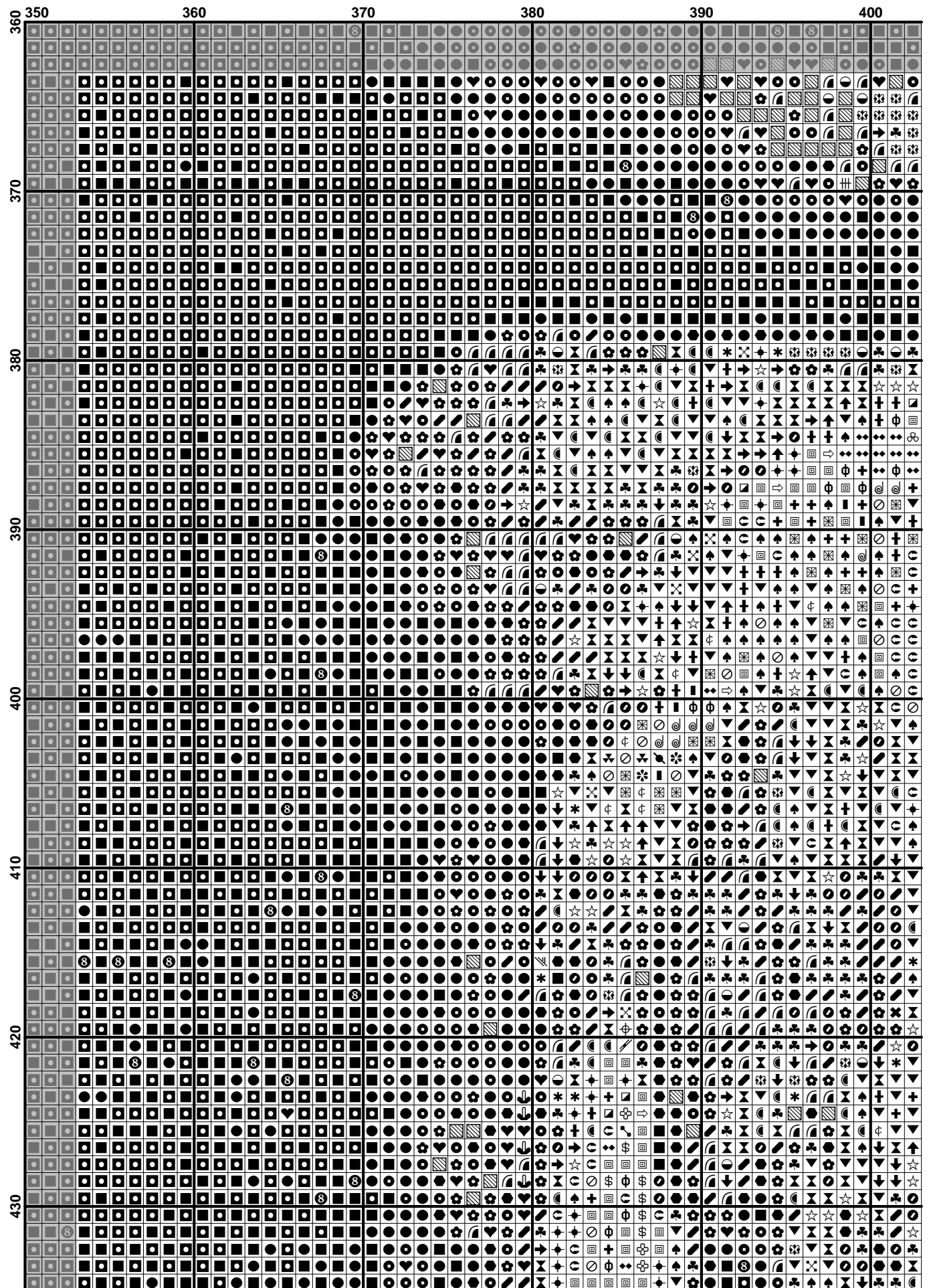


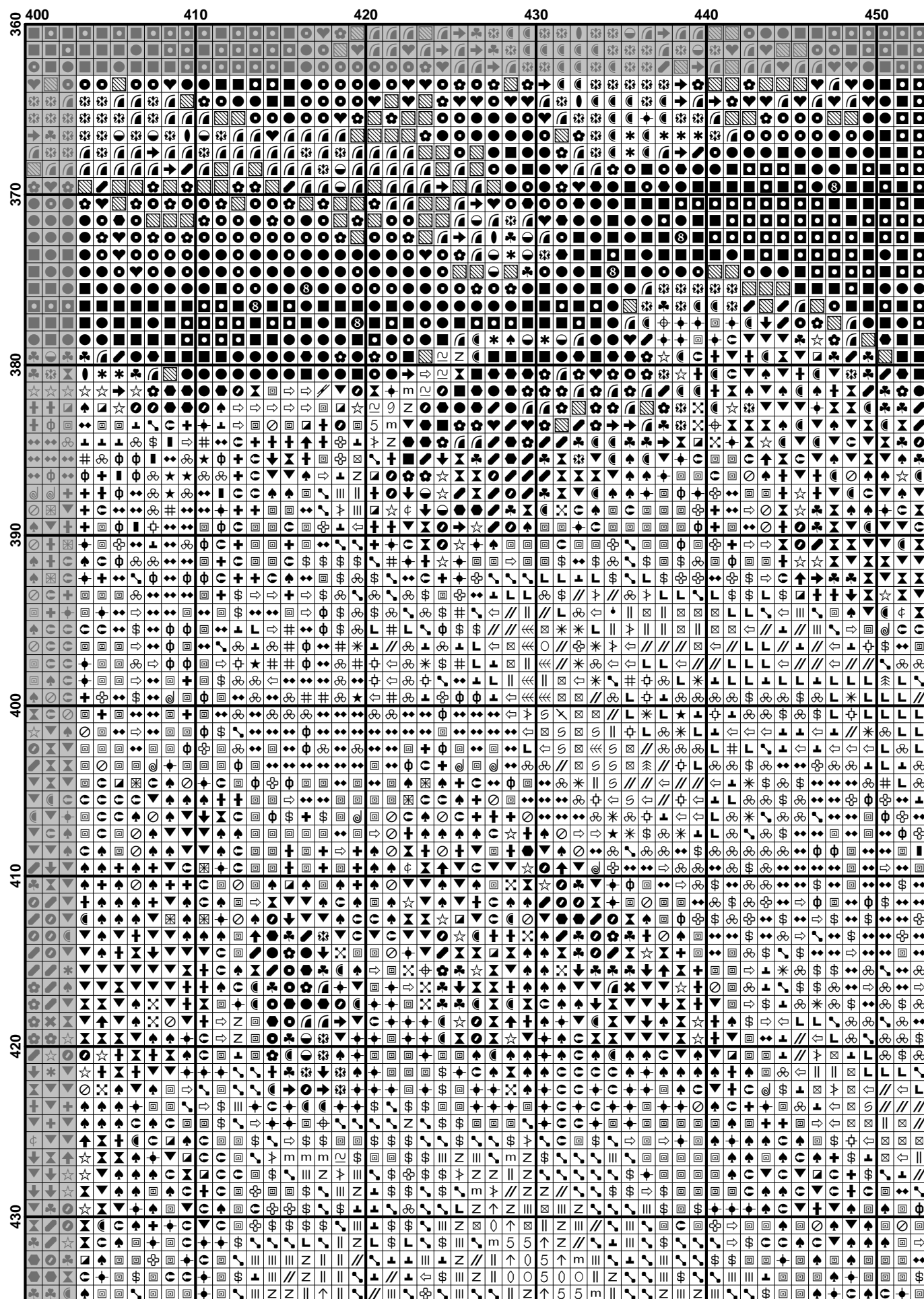


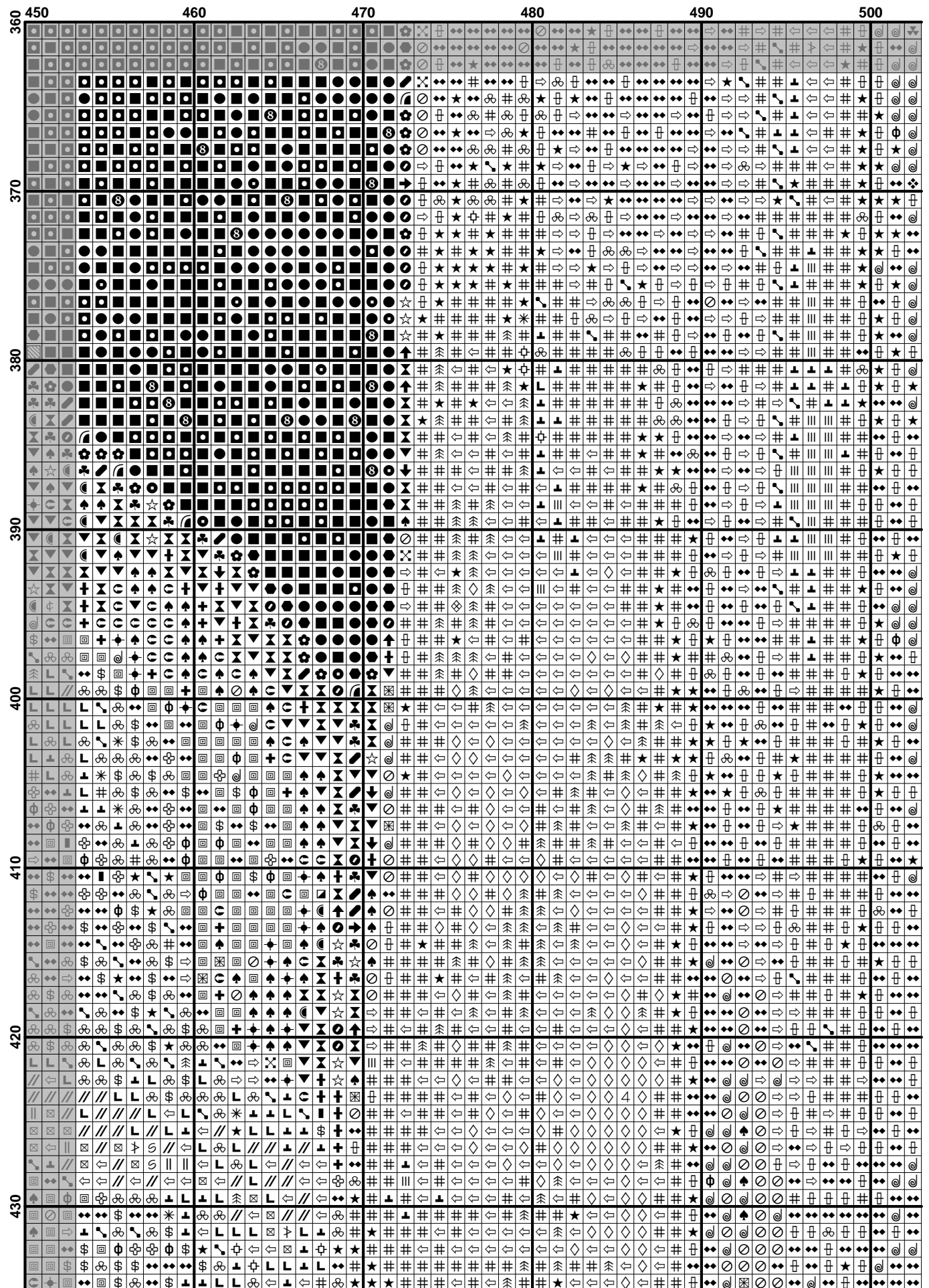






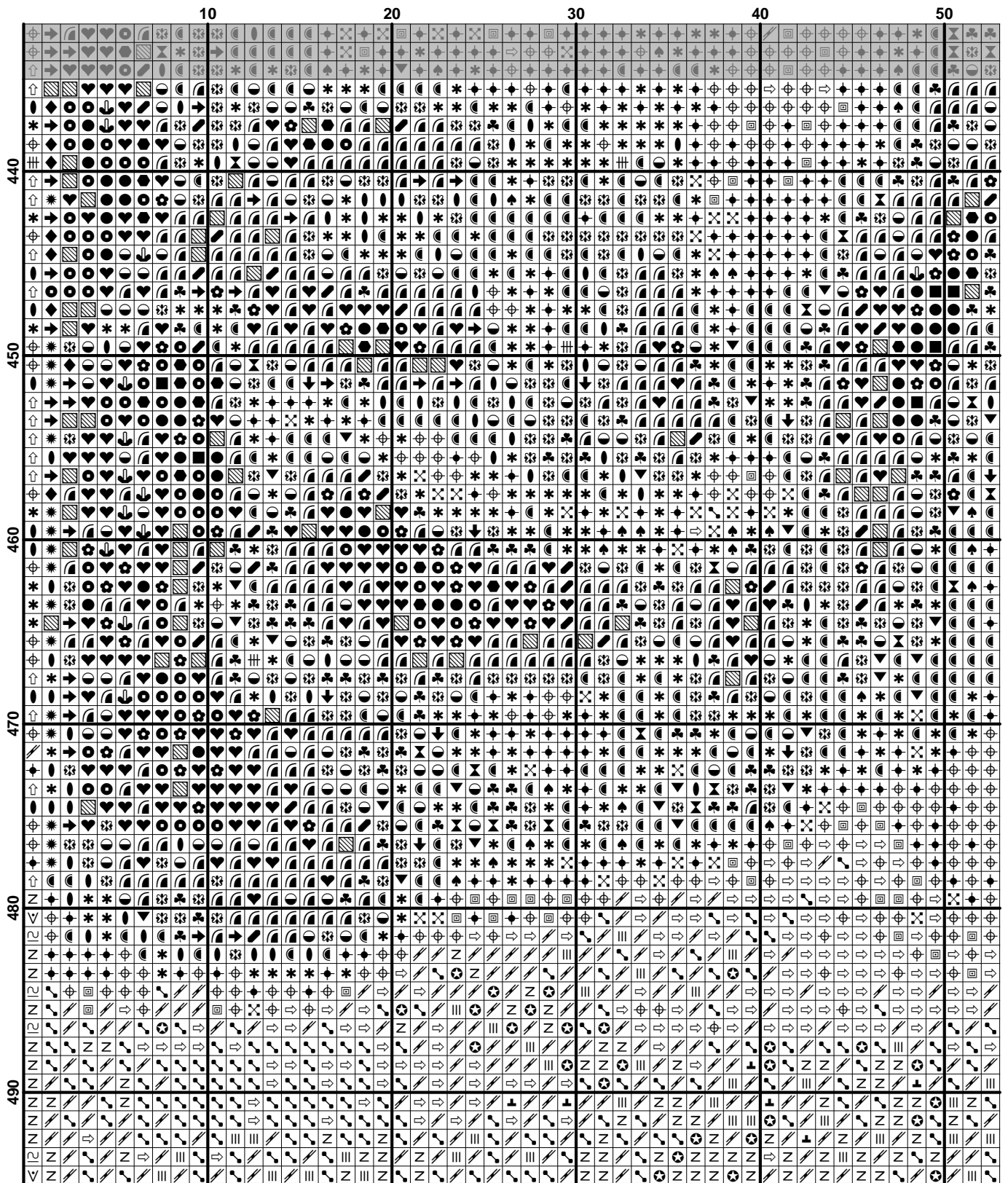


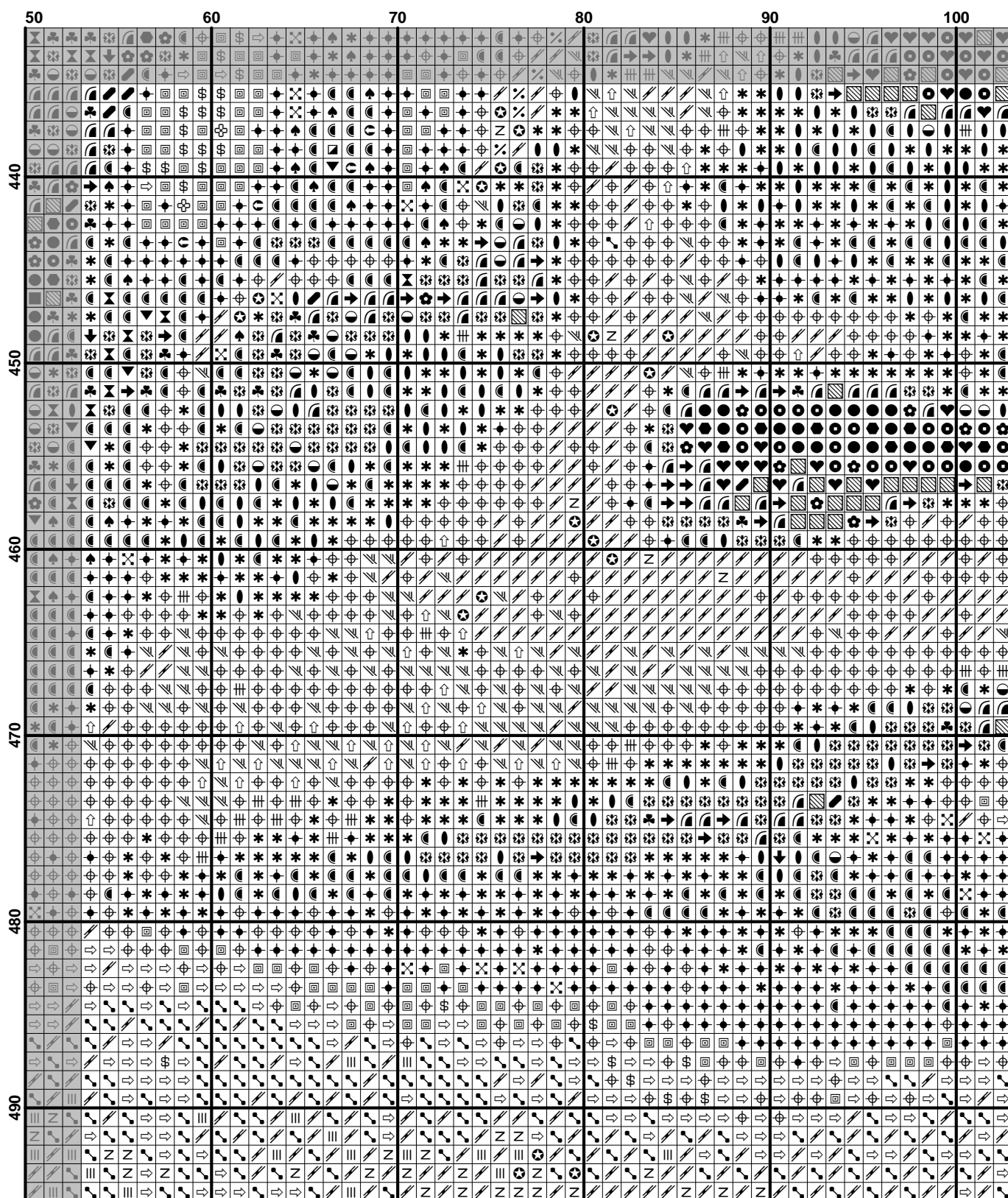




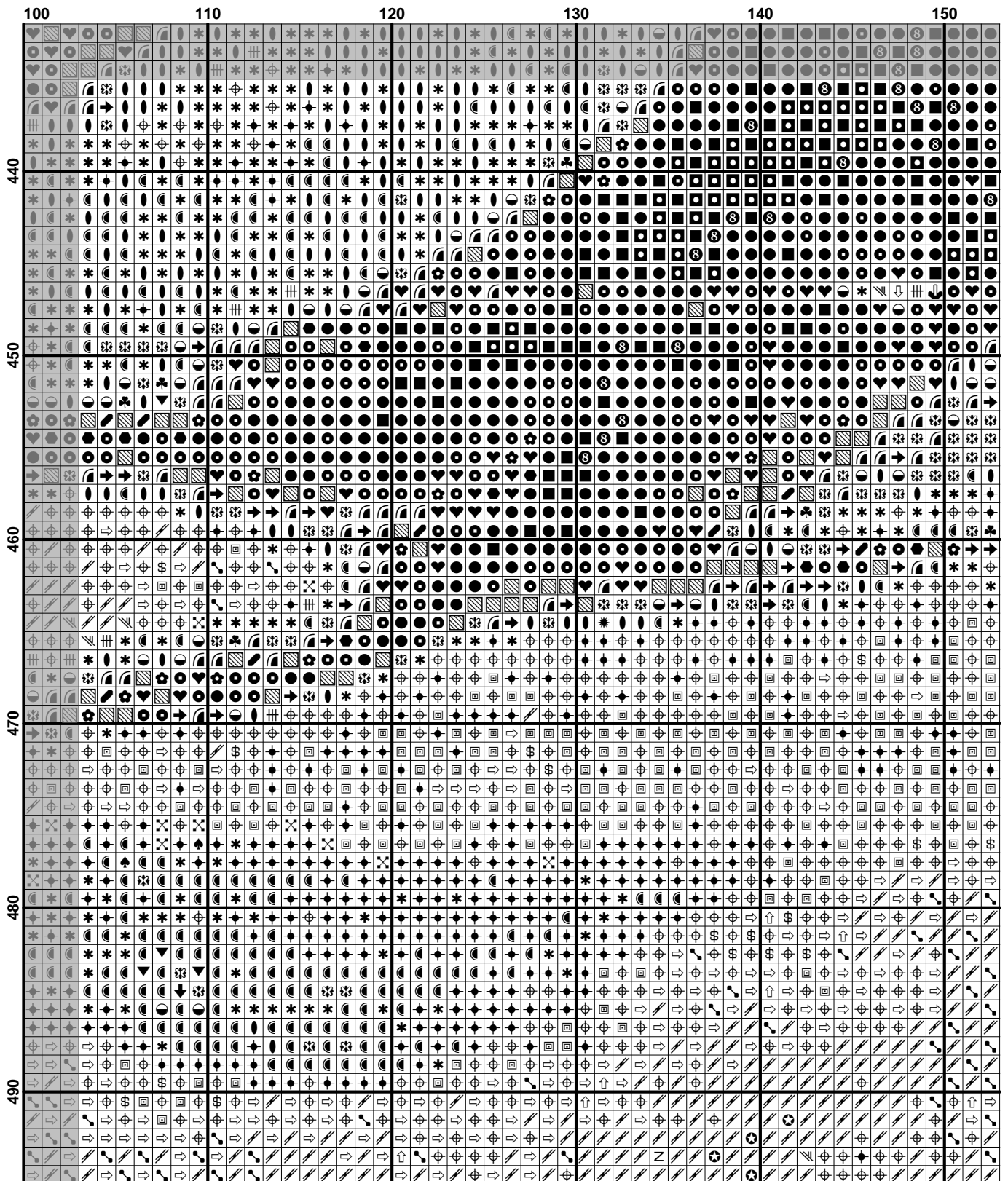
|     | 500 | 510 | 520 | 530 | 540 | 550 |
|-----|-----|-----|-----|-----|-----|-----|
| 360 | ⬆   | ⬆   | ⬆   | ⬆   | ⬆   | ⬆   |
| 370 | ⬆   | ⬆   | ⬆   | ⬆   | ⬆   | ⬆   |
| 380 | ⬆   | ⬆   | ⬆   | ⬆   | ⬆   | ⬆   |
| 390 | ⬆   | ⬆   | ⬆   | ⬆   | ⬆   | ⬆   |
| 400 | ⬆   | ⬆   | ⬆   | ⬆   | ⬆   | ⬆   |
| 410 | ⬆   | ⬆   | ⬆   | ⬆   | ⬆   | ⬆   |
| 420 | ⬆   | ⬆   | ⬆   | ⬆   | ⬆   | ⬆   |
| 430 | ⬆   | ⬆   | ⬆   | ⬆   | ⬆   | ⬆   |

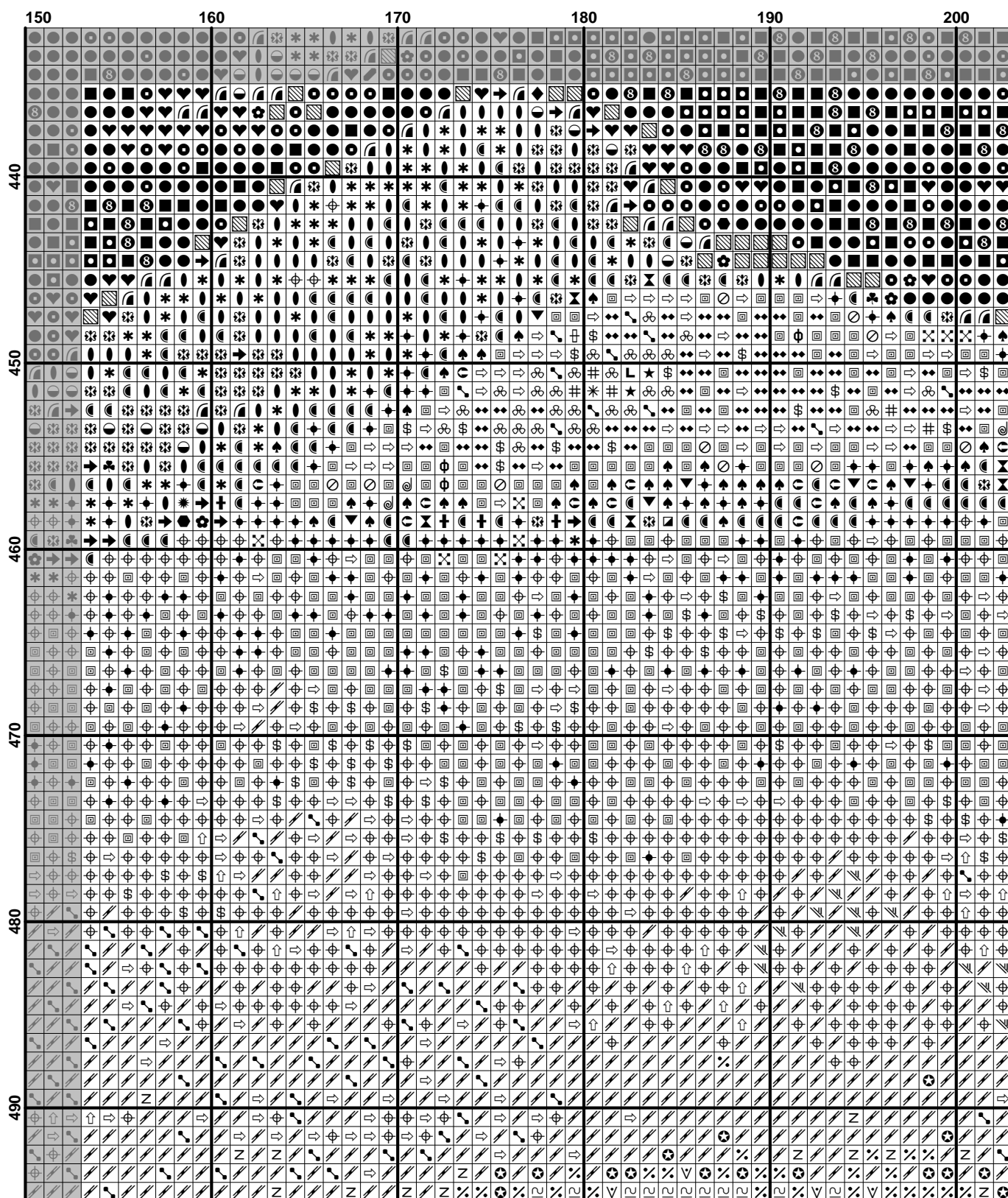
|     | 550 | 560 | 570 | 580 | 590 | 600 |
|-----|-----|-----|-----|-----|-----|-----|
| 360 | ... | ... | ... | ... | ... | ... |
| 370 | ... | ... | ... | ... | ... | ... |
| 380 | ... | ... | ... | ... | ... | ... |
| 390 | ... | ... | ... | ... | ... | ... |
| 400 | ... | ... | ... | ... | ... | ... |
| 410 | ... | ... | ... | ... | ... | ... |
| 420 | ... | ... | ... | ... | ... | ... |
| 430 | ... | ... | ... | ... | ... | ... |

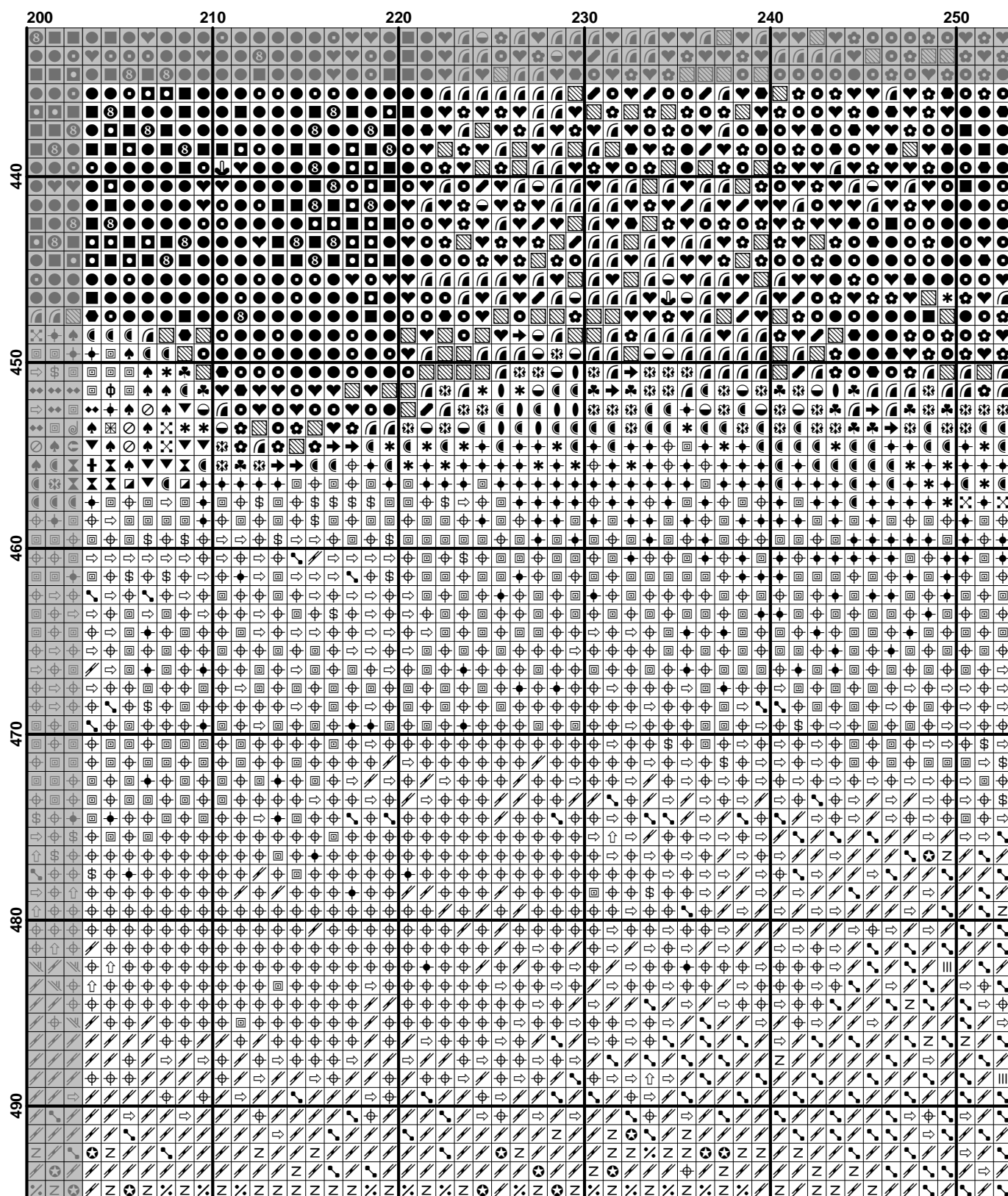


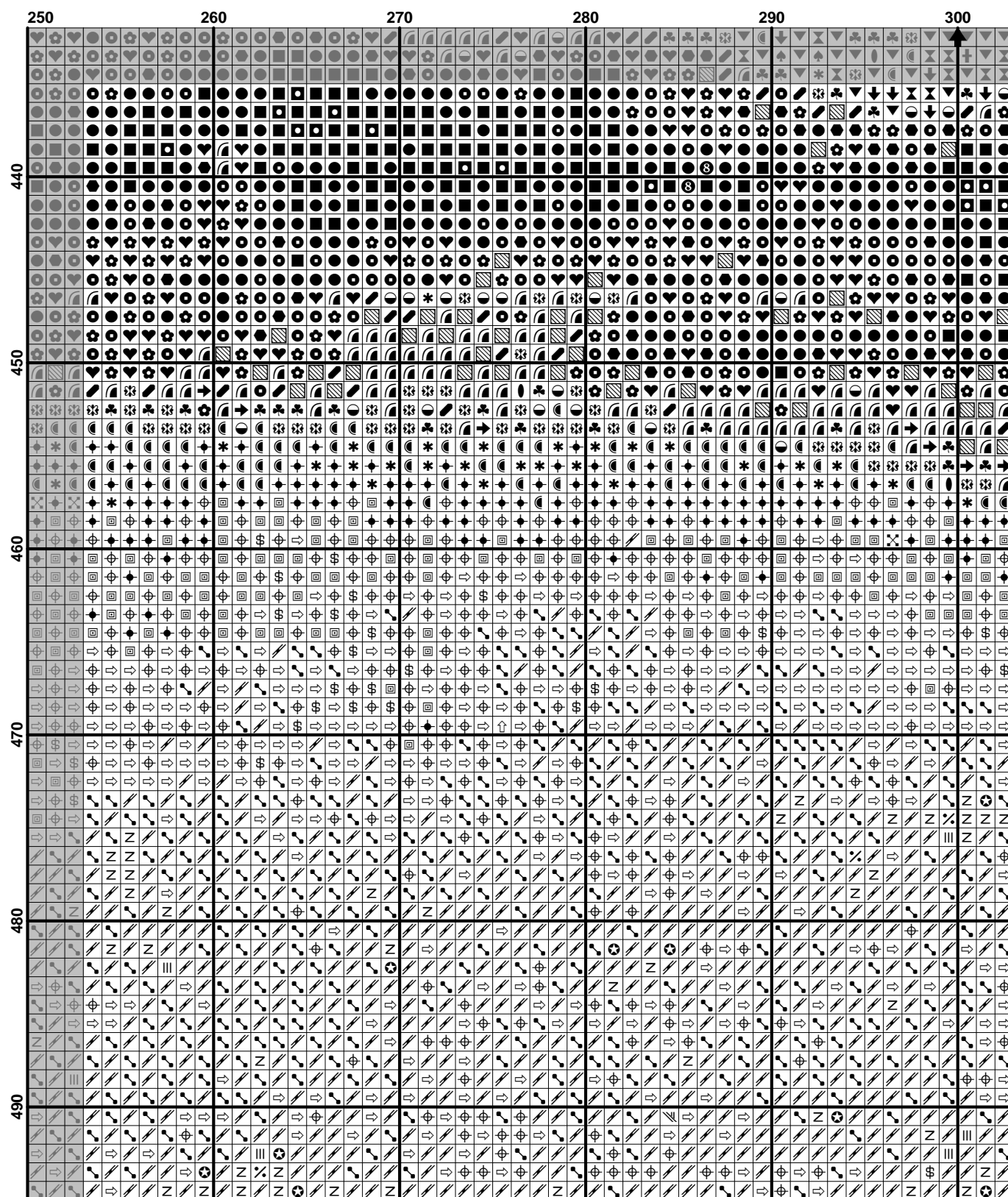


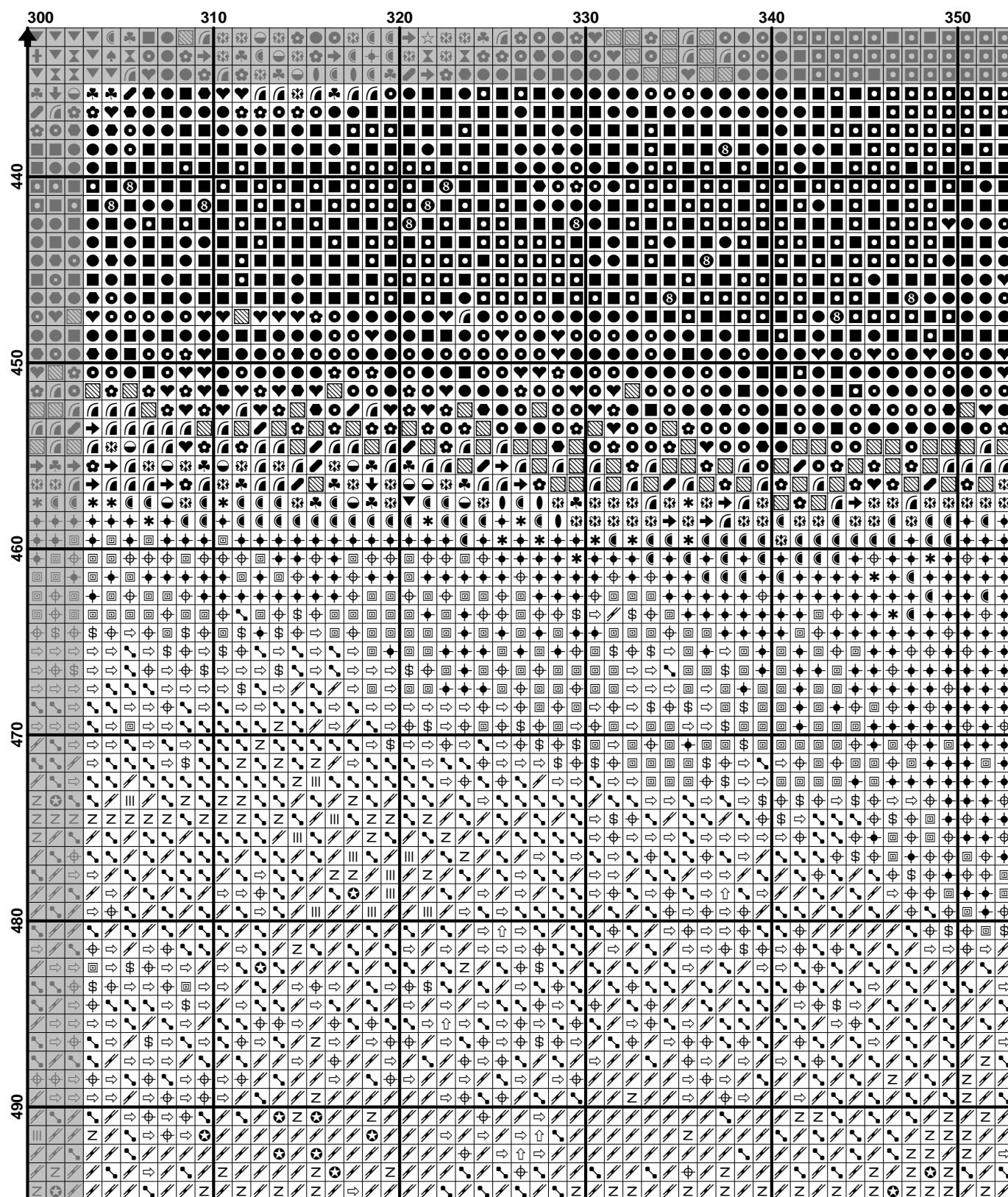


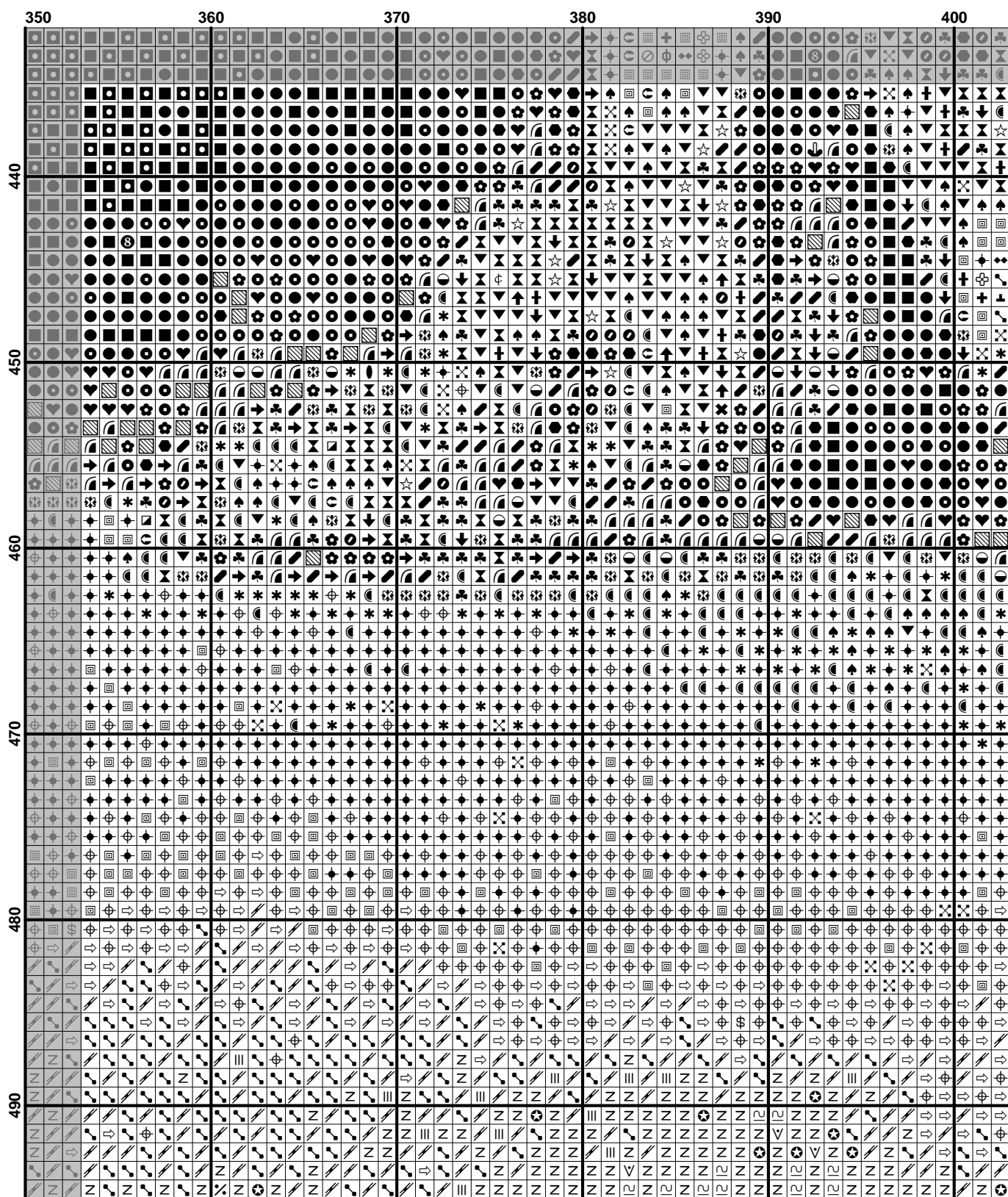






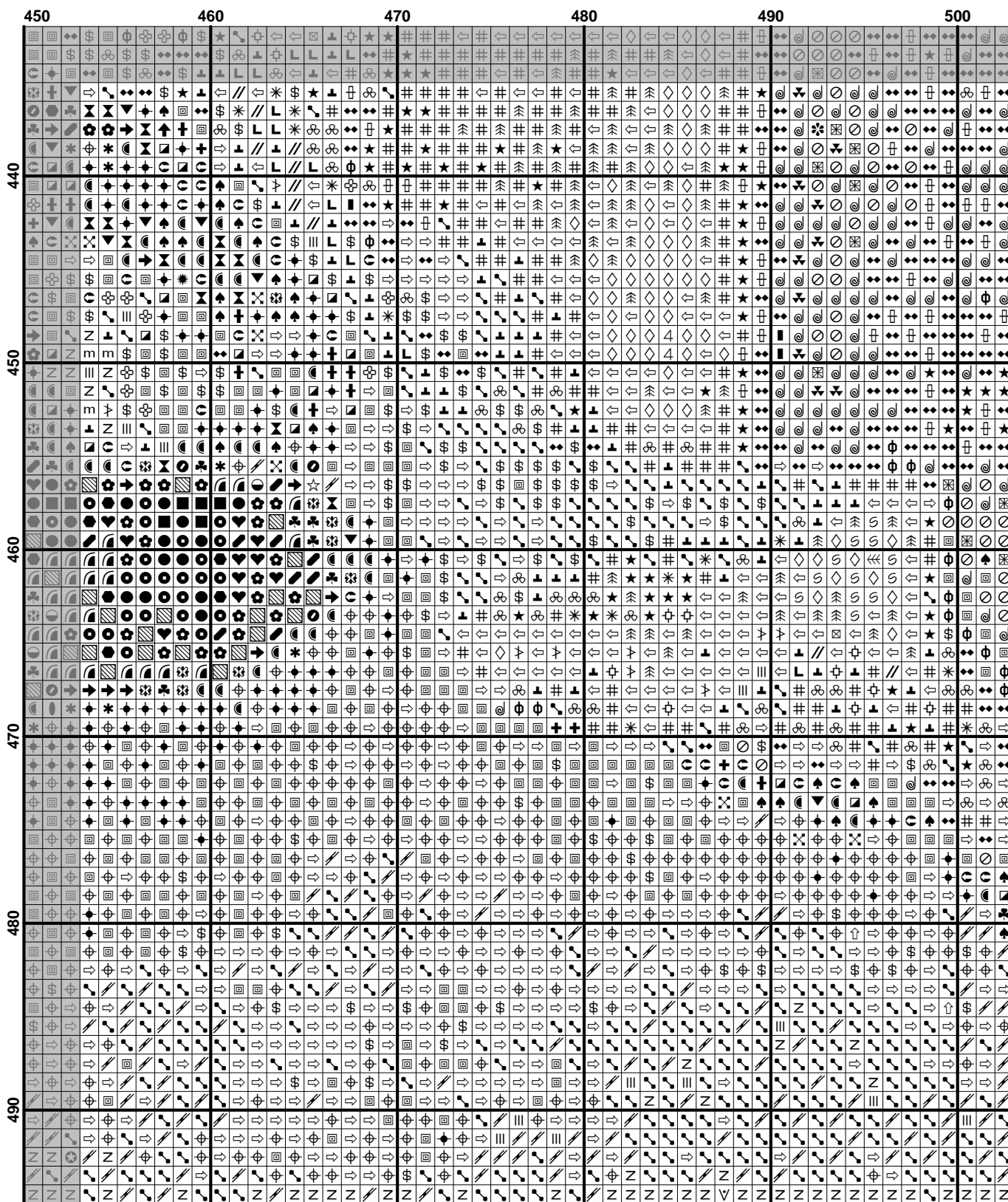


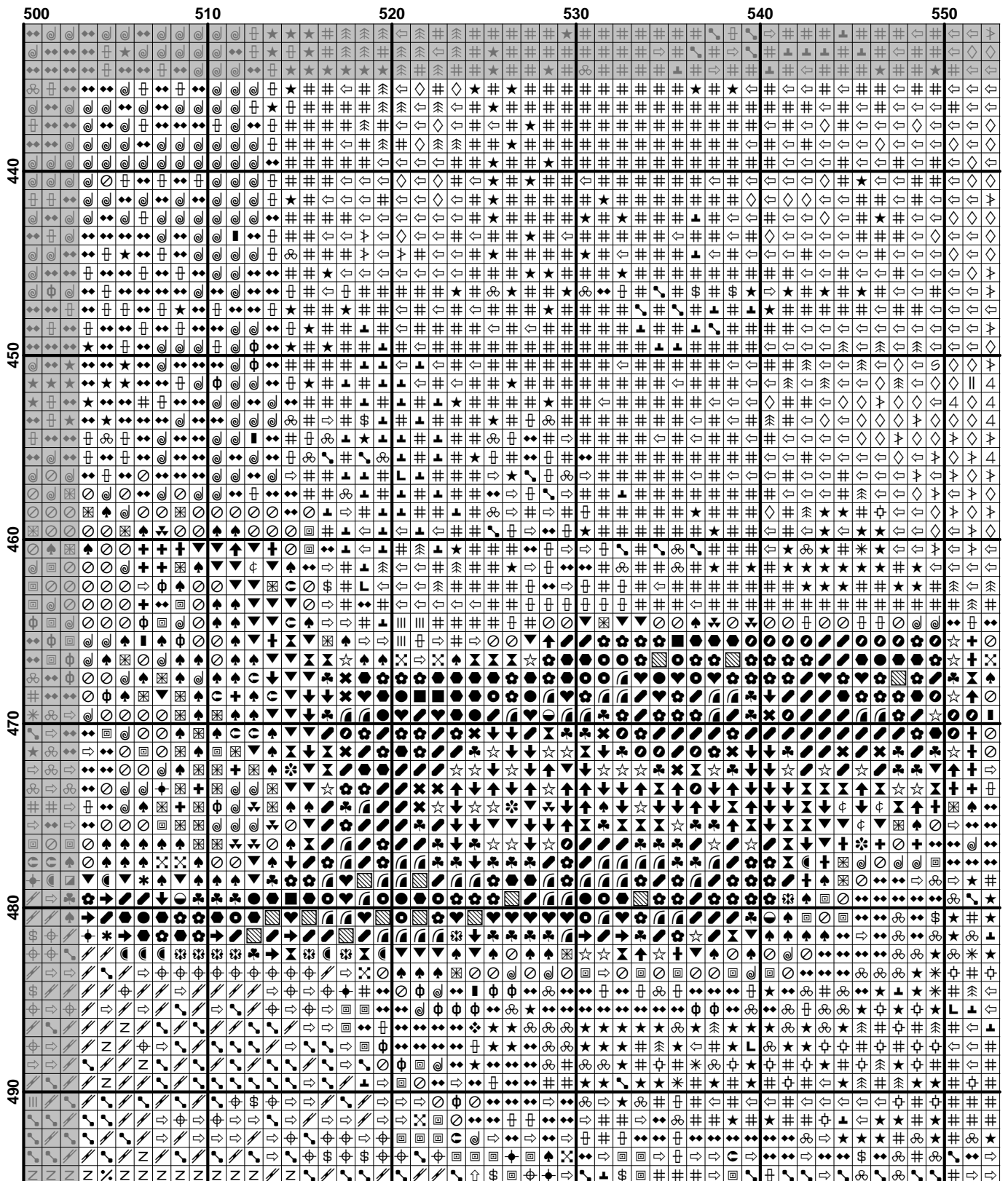












[illegible]