

Separation of Values.

A. General Remarks.

1. Equivalence of rows, columns & boxes. Note that, for the purposes of separating groups of squares into subgroups, there is no logical difference between the treatment of rows, columns, or boxes. Consider the 3 following collections of squares and their contents:

1	3	9	7	2	5	8	4	6
---	---	---	---	---	---	---	---	---

1
3
9
7
2
5
8
4
6

1	3	9
7	2	5
8	4	6

If we are not concerned with the order of these squares, but only with their content, then it is clear that it makes no difference how they are arranged geometrically. Therefore in the following discussion, we shall deal with rows only, because they are easier to arrange and see on a page. Everything that is true of rows in this discussion is also true of columns and boxes, and every principle established for rows is equally true for columns and boxes.

2. Separating rows into groups:

The following discussion applies equally to rows, columns, or boxes, and, since rows are so much more easily represented on the page, the examples will all be of rows. See section C2 for further remarks on this equivalence.

During the process of solving a sudoku, each square is annotated in its upper left-hand corner with a list of all possible integers for that square. As the solution nears its end, this list is reduced, by elimination of digits, until each square is finally reduced to a single digit. For example, the row of a sudoku which is being solved might initially consist of the following, where only one square has been reduced to a single digit:

23568	23568	568	7	3468	2368	34569	12349	123456
-------	-------	-----	---	------	------	-------	-------	--------

In this example, there is no clear pattern to the annotated digits.

In the following example, however,

458 X	13	579 X	1236	23	479 X	459 X	136	45789 X
----------	----	----------	------	----	----------	----------	-----	------------

there are two sets of integers. In squares 1, 3, 6, 7 & 9 (marked with X's) the digits 45789 appear exclusively, and in squares 2, 4, 5 & 8 the digits 1236 are the only members. Here there *is* a pattern, and it is one which separates the squares of the row into two groups, the X'd squares and the unX'd squares.

But why is this important? In the two examples above, neither *being* able to separate the squares of the row into groups, nor *not* being able to, further reduces the complexity of the row. But this is true only for some examples, including the two above.

Sometimes being able to separate a row into groups results in *elimination* of digits from certain individual squares, and *simplifies* the process of determining the unique digits for those squares.

Consider the following example:

17	147	14	13589	1348	2	6	148	14589
----	-----	----	-------	------	---	---	-----	-------

In this example, the first 3 squares contain only the digits 1, 4 & 7. Therefore those 3 digits are owned by those 3 squares, & may be erased from all other squares:

17	147	14	3589	38	2	6	8	589
----	-----	----	------	----	---	---	---	-----

Erasing the 8 from the other squares, we get:

17	147	14	359	3	2	6	8	59
----	-----	----	-----	---	---	---	---	----

Finally, erasing the 3, we obtain:

17	147	14	59	3	2	6	8	59
----	-----	----	----	---	---	---	---	----

In the first version of this example, we had 3 groups: {1345789}, {2}, & {6}. We then split off the group {147}, which caused the group {8} to also be split off. Then the group (3) was split off, resulting in 6 groups: {147}, {59}, {2}, (3), {6}, & {8}. Note the use of groups of one digit, like the group {2}, which are all "unsplittable" because each of them consists of a single digit.

The original 3 groups contained 2 "unsplittable" groups, {2} & {6}. The "splittable" group {1345789} was then broken up into 4 unsplittable groups, {147}, {59}, {3}, & {8}. When the sudoku is completely solved, the group {147} will be reduced to 3 single digits in 3 separate squares. It is "unsplittable" in the context of this single row, but its individual squares *might* be members of boxes or columns whose squares *are* splittable.

3. Separation rules:

Rule 1. Let us first consider a situation in which we have a row which contains a group of 3 squares, and let us suppose that these 3 squares, altogether, contain only 3 digits. As an example, we might have 3 squares containing only the digits 1, 2 & 3:

12	123	23	145	23569	35678	12469	23569	13478
----	-----	----	-----	-------	-------	-------	-------	-------

Note that the digits 1, 2 & 3 occur in the other squares as well, but that the first 3 squares consist ONLY of those digits. Then, it is argued that those digits cannot be occupants of other squares. If one of the other squares were actually a “1”, then the first 3 squares would consist of 2 digits altogether, which is impossible, since every square is ultimately reducible to one unique digit. Therefore those 3 squares “own” those 3 digits, and the digits 1, 2 & 3 may be eliminated from the remaining squares, simplifying the row to the following:

12	123	23	45	569	5678	469	569	478
----	-----	----	----	-----	------	-----	-----	-----

We may generalize this statement to the following:

Rule 1: When x squares of a row contain exactly x digits, and no other, then those x squares are identified with those x digits, and those digits may then be eliminated from the other squares of the row.

Rule 2. Let us now consider a different situation, in which 3 squares of a row are the ONLY ones which contain 3 particular digits. Those 3 squares might contain other digits than the 3, but the 3 digits occur in no other squares. As an example:

1245	1236	2378	45	569	5678	469	569	478
------	------	------	----	-----	------	-----	-----	-----

Here, the first 3 squares are the only ones containing the digits 1, 2 & 3. They also contain other digits, but the digits 1, 2 & 3 are contained in no other squares. Then it is argued that the first 3 squares cannot be reducible to any other digits besides 1, 2 & 3. Suppose the first square were actually a 4. Then the digits 1, 2 & 3 would be limited to 2 squares, and, in the final

solution, only those 2 squares could contain all 3 digits, which is clearly impossible. Therefore no other digits may be owned by those 3 squares, and all other digits may be eliminated from them, producing the simplified situation:

12	123	23	45	569	5678	469	569	478
----	-----	----	----	-----	------	-----	-----	-----

We may generalize this to the following:

Rule 2: When x squares of a row are the only ones containing x digits, then those squares cannot contain any other digits, and all other digits may be removed from them.

Summary of rules:

Note the different forms of the two rules. In both cases there are the same number of squares and digits, but in Rule 1 the squares have no other digits, and in Rule 2 the digits occur in no other squares. This illustrates one of the many duality principles that exist in Sudoku theory. Since the two rules are potentially confusing, it is important to keep the difference between them in mind:

With x squares & x digits,
 either (Rule 1) the squares have no other digits,
 or (Rule 2) the digits have no other squares.

Rule 1 allows the removal of *the same* x digits from *all other* squares.

Rule 2 allows the removal of *all other* digits from *the same* x squares.

B. Problems for practice in separation of values.

Remarks: All of the examples below occurred during the solution of real sudokus. None of them is invented. Many are extremely simple. However, sudokus which are otherwise difficult to solve are frequently made easy by a simple separation of values, and, although it is not always easy to achieve such separations, they are worth their weight in gold to the harried solver.

Becoming adept at separating values into subgroups is one of the most important skills in solving sudokus. In all cases in which separation is possible, failing to separate values will always considerably increase the work necessary to solve the sudoku.

Problem 1:

3458	238	358	238	28	-----	-----	-----	-----
------	-----	-----	-----	----	-------	-------	-------	-------

Problem 2:

3458	2358	2478	358	2358	28	-----	-----	-----
------	------	------	-----	------	----	-------	-------	-------

Problem 3:

358	56	138	138	38	-----	-----	-----	-----
-----	----	-----	-----	----	-------	-------	-------	-------

Problem 4:

56	258	3567	258	237	28	-----	-----	-----
----	-----	------	-----	-----	----	-------	-------	-------

Problem 5:

1459	12459	12	258	258	28	-----	-----	-----
------	-------	----	-----	-----	----	-------	-------	-------

Problem 6:

13489	39	18	14	148	-----	-----	-----	-----
-------	----	----	----	-----	-------	-------	-------	-------

Problem 7:

2378	2347	148	148	134	14	-----	-----	-----
------	------	-----	-----	-----	----	-------	-------	-------

Problem 8:

148	13489	24	24	39	124	-----	-----	-----
-----	-------	----	----	----	-----	-------	-------	-------

Problem 9:

36	346	34	3567	357	-----	-----	-----	-----
----	-----	----	------	-----	-------	-------	-------	-------

Problem 10:

15	25	1456	245	459	245	-----	-----	-----
----	----	------	-----	-----	-----	-------	-------	-------

Problem 11:

178	1278	17	1234579	18	1234689	35	36	56
-----	------	----	---------	----	---------	----	----	----

Problem 12:

4568	568	4568	2345	456	234568	-----	-----	-----
------	-----	------	------	-----	--------	-------	-------	-------

Problem 13:

23579	235	345	345	2479	24	-----	-----	-----
-------	-----	-----	-----	------	----	-------	-------	-------

Problem 14:

15	17	1357	17	-----	-----	-----	-----	-----
----	----	------	----	-------	-------	-------	-------	-------

Problem 15:

124	148	248	124567	1457	246	48	-----	-----
-----	-----	-----	--------	------	-----	----	-------	-------

Problem 16:

89	48	13489	349	13489	34579	457	-----	-----
----	----	-------	-----	-------	-------	-----	-------	-------

Problem 17:

46789	479	46789	49	479	-----	-----	-----	-----
-------	-----	-------	----	-----	-------	-------	-------	-------

Problem 18:

278	68	2678	367	78	1348	13468	-----	-----
-----	----	------	-----	----	------	-------	-------	-------

Problem 19:

389	1589	235	25	59	239	-----	-----	-----
-----	------	-----	----	----	-----	-------	-------	-------

Problem 20:

25	235	259	259	1349	13459	-----	-----	-----
----	-----	-----	-----	------	-------	-------	-------	-------

Problem 21:

79	3579	357	1467	13459	357	13459	-----	-----
----	------	-----	------	-------	-----	-------	-------	-------

Problem 22:

25	59	3589	38	1279	235	1357	-----	-----
----	----	------	----	------	-----	------	-------	-------

Problem 23:

34	78	1378	14	134	-----	-----	-----	-----
----	----	------	----	-----	-------	-------	-------	-------

Problem 24:

269	256789	26	25678	67	679	-----	-----	-----
-----	--------	----	-------	----	-----	-------	-------	-------

Problem 25:

4567	567	4567	13578	14578	3457	56	-----	-----
------	-----	------	-------	-------	------	----	-------	-------

Problem 26:

13	1678	2367	136	28	16	-----	-----	-----
----	------	------	-----	----	----	-------	-------	-------

Problem 27:

127	1278	126	26	2789	27	-----	-----	-----
-----	------	-----	----	------	----	-------	-------	-------

Problem 28:

137	2347	37	1247	13	-----	-----	-----	-----
-----	------	----	------	----	-------	-------	-------	-------

Problem 29:

29	2457	1248	128	24	4578	89	-----	-----
----	------	------	-----	----	------	----	-------	-------

Problem 30:

24	579	3467	234	367	4579	234	-----	-----
----	-----	------	-----	-----	------	-----	-------	-------

Problem 31:

46	13	1346	678	3478	34	-----	-----	-----
----	----	------	-----	------	----	-------	-------	-------

Problem 32:

124678	1478	46	39	125	39	146	1245	1256
--------	------	----	----	-----	----	-----	------	------

Problem 33:

13567	45	57	457	13567	145	-----	-----	-----
-------	----	----	-----	-------	-----	-------	-------	-------

Problem 34:

35678	89	389	378	56789	389	-----	-----	-----
-------	----	-----	-----	-------	-----	-------	-------	-------

Problem 35:

146	124	2348	2368	24	124	-----	-----	-----
-----	-----	------	------	----	-----	-------	-------	-------

Problem 36:

478	48	124	267	12	24	-----	-----	-----
-----	----	-----	-----	----	----	-------	-------	-------

Problem 37:

378	79	57	1579	1389	179	-----	-----	-----
-----	----	----	------	------	-----	-------	-------	-------

Problem 38:

679	489	679	279	79	2489	-----	-----	-----
-----	-----	-----	-----	----	------	-------	-------	-------

Problem 39:

12356	236	68	368	1235	23	-----	-----	-----
-------	-----	----	-----	------	----	-------	-------	-------

Problem 40:

2568	56	248	28	24	-----	-----	-----	-----
------	----	-----	----	----	-------	-------	-------	-------

Problem 41:

24	1289	248	14789	28	1789	-----	-----	-----
----	------	-----	-------	----	------	-------	-------	-------

Problem 42:

24	2456	248	28	2568	-----	-----	-----	-----
----	------	-----	----	------	-------	-------	-------	-------

Problem 43:

12489	248	12789	28	1247	24	-----	-----	-----
-------	-----	-------	----	------	----	-------	-------	-------

Problem 44:

129	248	12	1248	19	-----	-----	-----	-----
-----	-----	----	------	----	-------	-------	-------	-------

Problem 45:

159	1259	19	1289	15	12568	-----	-----	-----
-----	------	----	------	----	-------	-------	-------	-------

Problem 46:

38	579	25789	25789	238	38	-----	-----	-----
----	-----	-------	-------	-----	----	-------	-------	-------

Problem 47:

24568	689	59	58	245689	568	-----	-----	-----
-------	-----	----	----	--------	-----	-------	-------	-------

Problem 48:

568	368	35	2458	24568	358	-----	-----	-----
-----	-----	----	------	-------	-----	-------	-------	-------

Problem 49:

15	14	2345	2345	45	-----	-----	-----	-----
----	----	------	------	----	-------	-------	-------	-------

Problem 50:

56	2456	46	568	68	-----	-----	-----	-----
----	------	----	-----	----	-------	-------	-------	-------

Problem 51:

456	467	456	456	5789	489	-----	-----	-----
-----	-----	-----	-----	------	-----	-------	-------	-------

Problem 52:

179	139	139	13678	37	13678	-----	-----	-----
-----	-----	-----	-------	----	-------	-------	-------	-------

Problem 53:

378	13	378	4789	78	479	-----	-----	-----
-----	----	-----	------	----	-----	-------	-------	-------

Problem 54:

17	3579	79	1357	17	-----	-----	-----	-----
----	------	----	------	----	-------	-------	-------	-------

Problem 55:

19	159	15	13569	135	-----	-----	-----	-----
----	-----	----	-------	-----	-------	-------	-------	-------

Problem 56:

4579	4579	45	16789	479	56789	14579	-----	-----
------	------	----	-------	-----	-------	-------	-------	-------

Problem 57:

489	138	48	49	58	1345	-----	-----	-----
-----	-----	----	----	----	------	-------	-------	-------

Problem 58:

2367	126	2367	268	268	126	-----	-----	-----
------	-----	------	-----	-----	-----	-------	-------	-------

Problem 59:

26	126	246	126	1247	1256	124578	-----	-----
----	-----	-----	-----	------	------	--------	-------	-------

Problem 60:

38	348	37	357	2458	35	-----	-----	-----
----	-----	----	-----	------	----	-------	-------	-------

Problem 61:

59	589	49	34	234	24	-----	-----	-----
----	-----	----	----	-----	----	-------	-------	-------

Problem 62:

368	2348	379	3679	379	2348	368	-----	-----
-----	------	-----	------	-----	------	-----	-------	-------

Problem 63:

159	1279	59	145	145	12457	-----	-----	-----
-----	------	----	-----	-----	-------	-------	-------	-------

Problem 64:

237	679	78	6789	238	238	-----	-----	-----
-----	-----	----	------	-----	-----	-------	-------	-------

Problem 65:

4569	3679	237	69	2459	269	2456	-----	-----
------	------	-----	----	------	-----	------	-------	-------

Problem 66:

237	237	1237	3789	12	289	-----	-----	-----
-----	-----	------	------	----	-----	-------	-------	-------

Problem 67:

59	49	3469	34569	459	-----	-----	-----	-----
----	----	------	-------	-----	-------	-------	-------	-------

Problem 68:

36	4579	346	346	3457	35679	-----	-----	-----
----	------	-----	-----	------	-------	-------	-------	-------

Problem 69:

347	23467	357	37	23567	3457	-----	-----	-----
-----	-------	-----	----	-------	------	-------	-------	-------

Problem 70:

79	49	4569	67	69	-----	-----	-----	-----
----	----	------	----	----	-------	-------	-------	-------

Problem 71:

5689	56	3789	27	267	37	267	-----	-----
------	----	------	----	-----	----	-----	-------	-------

Problem 72:

1368	126	238	38	25	2538	-----	-----	-----
------	-----	-----	----	----	------	-------	-------	-------

Problem 73:

1489	1489	48	24	258	258	-----	-----	-----
------	------	----	----	-----	-----	-------	-------	-------

Problem 74:

18	13	358	15689	13569	58	-----	-----	-----
----	----	-----	-------	-------	----	-------	-------	-------

Problem 75:

15679	69	59	13579	56	13567	-----	-----	-----
-------	----	----	-------	----	-------	-------	-------	-------

Problem 76:

258	59	29	2589	459	23469	23469	-----	-----
-----	----	----	------	-----	-------	-------	-------	-------

Problem 77:

1579	1279	59	289	249	249	2489	-----	-----
------	------	----	-----	-----	-----	------	-------	-------

Problem 78:

1467	1467	46789	38	1347	13467	367	-----	-----
------	------	-------	----	------	-------	-----	-------	-------

Problem 79:

38	12359	238	23589	138	28	-----	-----	-----
----	-------	-----	-------	-----	----	-------	-------	-------

Problem 80:

39	2379	23	137	59	25	-----	-----	-----
----	------	----	-----	----	----	-------	-------	-------

Problem 81:

45	46	2578	4578	246	24	-----	-----	-----
----	----	------	------	-----	----	-------	-------	-------

Problem 82:

1458	4589	58	359	39	389	-----	-----	-----
------	------	----	-----	----	-----	-------	-------	-------

Problem 83:

689	268	2568	268	68	579	-----	-----	-----
-----	-----	------	-----	----	-----	-------	-------	-------

Problem 84:

68	568	56	1468	459	59	-----	-----	-----
----	-----	----	------	-----	----	-------	-------	-------

Problem 85:

24579	246	2469	78	29	289	46	-----	-----
-------	-----	------	----	----	-----	----	-------	-------

Problem 86:

57	46	124	246	12	24567	-----	-----	-----
----	----	-----	-----	----	-------	-------	-------	-------

Problem 87:

5689	679	469	47	479	4578	-----	-----	-----
------	-----	-----	----	-----	------	-------	-------	-------

Problem 88:

28	2579	245	245	479	58	-----	-----	-----
----	------	-----	-----	-----	----	-------	-------	-------

Problem 89:

2579	256	46	79	245	245	-----	-----	-----
------	-----	----	----	-----	-----	-------	-------	-------

Problem 90:

5689	69	235	23458	2458	34	25	-----	-----
------	----	-----	-------	------	----	----	-------	-------

Problem 91:

49	489	58	1349	19	1349	-----	-----	-----
----	-----	----	------	----	------	-------	-------	-------

Problem 92:

24568	247	28	478	24568	248	-----	-----	-----
-------	-----	----	-----	-------	-----	-------	-------	-------

Problem 93:

138	18	1457	145	14567	1358	1358	-----	-----
-----	----	------	-----	-------	------	------	-------	-------

Problem 94:

489	489	149	24	89	-----	-----	-----	-----
-----	-----	-----	----	----	-------	-------	-------	-------

Problem 95:

256789	68	256789	26789	26	268	-----	-----	-----
--------	----	--------	-------	----	-----	-------	-------	-------

Problem 96:

26789	79	1679	29	12789	279	-----	-----	-----
-------	----	------	----	-------	-----	-------	-------	-------

Problem 97:

134	145	128	35	125	345	-----	-----	-----
-----	-----	-----	----	-----	-----	-------	-------	-------

Problem 98:

3456	12348	569	568	28	569	56	12	-----
------	-------	-----	-----	----	-----	----	----	-------

Problem 99:

3589	568	36	29	236	39	-----	-----	-----
------	-----	----	----	-----	----	-------	-------	-------

Problem 100:

12369	1249	149	1369	19	189	148	-----	-----
-------	------	-----	------	----	-----	-----	-------	-------

Problem 101:

3456	14	15	159	36	149	-----	-----	-----
------	----	----	-----	----	-----	-------	-------	-------

Problem 102:

2349	139	2389	139	49	349	-----	-----	-----
------	-----	------	-----	----	-----	-------	-------	-------

Problem 103:

689	579	2568	268	269	2689	-----	-----	-----
-----	-----	------	-----	-----	------	-------	-------	-------

Problem 104:

348	458	3458	134	12458	345	-----	-----	-----
-----	-----	------	-----	-------	-----	-------	-------	-------

Problem 105:

1267	1267	56	67	569	679	-----	-----	-----
------	------	----	----	-----	-----	-------	-------	-------

Problem 106:

35678	35678	3458	35	345	34	-----	-----	-----
-------	-------	------	----	-----	----	-------	-------	-------

Problem 107:

47	457	128	89	1248	789	4589	-----	-----
----	-----	-----	----	------	-----	------	-------	-------

Problem 108:

4678	4678	38	89	39	5678	456	-----	-----
------	------	----	----	----	------	-----	-------	-------

Problem 109:

267	2567	2368	2568	67	567	-----	-----	-----
-----	------	------	------	----	-----	-------	-------	-------

Problem 110:

267	456	2459	267	2679	269	-----	-----	-----
-----	-----	------	-----	------	-----	-------	-------	-------

Problem 111:

29	459	249	49	3479	23479	-----	-----	-----
----	-----	-----	----	------	-------	-------	-------	-------

Problem 112:

35678	235678	23568	1467	14567	567	568	568	-----
-------	--------	-------	------	-------	-----	-----	-----	-------

Problem 113:

358	2345	34	458	358	-----	-----	-----	-----
-----	------	----	-----	-----	-------	-------	-------	-------

Problem 114:

35678	34567	3568	58	358	358	-----	-----	-----
-------	-------	------	----	-----	-----	-------	-------	-------

Problem 115:

157	578	1578	1347	1478	58	-----	-----	-----
-----	-----	------	------	------	----	-------	-------	-------

Problem 116:

147	3467	17	1247	47	356	1245	-----	-----
-----	------	----	------	----	-----	------	-------	-------

Problem 117:

1568	58	18	35678	58	3567	-----	-----	-----
------	----	----	-------	----	------	-------	-------	-------

Problem 117 alternate:

1568	58	18	35678	58	3567	-----	-----	-----
------	----	----	-------	----	------	-------	-------	-------

Problem 118:

46	2379	2469	469	49	37	-----	-----	-----
----	------	------	-----	----	----	-------	-------	-------

Problem 119:

1679	679	179	167	12789	278	-----	-----	-----
------	-----	-----	-----	-------	-----	-------	-------	-------

Problem 120:

49	468	245689	24589	69	89	-----	-----	-----
----	-----	--------	-------	----	----	-------	-------	-------

Problem 121:

579	12379	12379	578	78	579	12379	-----	-----
-----	-------	-------	-----	----	-----	-------	-------	-------

Problem 122:

456	1579	179	159	569	34	59	-----	-----
-----	------	-----	-----	-----	----	----	-------	-------

Problem 123:

79	789	179	1467	679	69	-----	-----	-----
----	-----	-----	------	-----	----	-------	-------	-------

Problem 124:

68	34	47	18	147	134	-----	-----	-----
----	----	----	----	-----	-----	-------	-------	-------

Problem 125:

14	12	234	123457	134	123457	-----	-----	-----
----	----	-----	--------	-----	--------	-------	-------	-------

Problem 126:

1246	46	146	46	4569	13	359	-----	-----
------	----	-----	----	------	----	-----	-------	-------

Problem 127:

15	1256	14569	12469	45	15	-----	-----	-----
----	------	-------	-------	----	----	-------	-------	-------

Problem 128:

5678	678	146	1469	1469	147	14	-----	-----
------	-----	-----	------	------	-----	----	-------	-------

Problem 129:

278	129	237	12	2378	129	-----	-----	-----
-----	-----	-----	----	------	-----	-------	-------	-------

Problem 130:

235789	23578	49	3459	359	34579	359	-----	-----
--------	-------	----	------	-----	-------	-----	-------	-------

Problem 131:

1689	169	38	378	68	3678	-----	-----	-----
------	-----	----	-----	----	------	-------	-------	-------

Problem 132:

45	14789	14579	4589	458	49	-----	-----	-----
----	-------	-------	------	-----	----	-------	-------	-------

Problem 133:

3679	567	356	46	246	57	25	-----	-----
------	-----	-----	----	-----	----	----	-------	-------

Problem 134:

38	2579	235789	2579	257	2579	-----	-----	-----
----	------	--------	------	-----	------	-------	-------	-------

Problem 135:

34	13478	1378	14	134	-----	-----	-----	-----
----	-------	------	----	-----	-------	-------	-------	-------

Problem 136:

1346	346	134	28	2345	458	146	-----	-----
------	-----	-----	----	------	-----	-----	-------	-------

Problem 137:

49	1289	14	479	248	47	-----	-----	-----
----	------	----	-----	-----	----	-------	-------	-------

Problem 138:

24	16	278	1478	26	236	2346	-----	-----
----	----	-----	------	----	-----	------	-------	-------

Problem 139:

589	5789	246	67	2456	2456	56	-----	-----
-----	------	-----	----	------	------	----	-------	-------

Problem 140:

129	129	1245	124	2345	124	-----	-----	-----
-----	-----	------	-----	------	-----	-------	-------	-------

Problem 141:

15	1345	3456	1256	125	5679	2679	256	-----
----	------	------	------	-----	------	------	-----	-------

Problem 142:

5678	567	3568	3468	234568	3567	568	-----	-----
------	-----	------	------	--------	------	-----	-------	-------

Problem 143:

36	168	568	3689	689	368	-----	-----	-----
----	-----	-----	------	-----	-----	-------	-------	-------

Problem 144:

56789	67	589	78	68	-----	-----	-----	-----
-------	----	-----	----	----	-------	-------	-------	-------

Problem 145:

16	23	24	167	134	24	-----	-----	-----
----	----	----	-----	-----	----	-------	-------	-------

Problem 146:

1378	16	1368	267	126	17	-----	-----	-----
------	----	------	-----	-----	----	-------	-------	-------

Problem 147:

138	15678	138	1378	38	23789	23689	23579	-----
-----	-------	-----	------	----	-------	-------	-------	-------

Problem 148:

3478	1378	134789	79	89	78	-----	-----	-----
------	------	--------	----	----	----	-------	-------	-------

Problem 149:

14	145	357	34567	4567	124	12	-----	-----
----	-----	-----	-------	------	-----	----	-------	-------

Problem 150:

134	269	39	26	1246	23	-----	-----	-----
-----	-----	----	----	------	----	-------	-------	-------

Problem 151:

49	46	14	39	16	-----	-----	-----	-----
----	----	----	----	----	-------	-------	-------	-------

Problem 152:

13468	38	146	45	258	23	358	-----	-----
-------	----	-----	----	-----	----	-----	-------	-------

Problem 153:

346	46	2469	2469	36	-----	-----	-----	-----
-----	----	------	------	----	-------	-------	-------	-------

Problem 154:

25789	25789	289	28	248	249	-----	-----	-----
-------	-------	-----	----	-----	-----	-------	-------	-------

Problem 155:

59	458	34589	1589	158	89	-----	-----	-----
----	-----	-------	------	-----	----	-------	-------	-------

Problem 156:

12	156	256	156	1468	1248	-----	-----	-----
----	-----	-----	-----	------	------	-------	-------	-------

Problem 157:

2456	23	234	34	1234	156	-----	-----	-----
------	----	-----	----	------	-----	-------	-------	-------

Problem 158:

5689	5689	68	368	268	236	-----	-----	-----
------	------	----	-----	-----	-----	-------	-------	-------

Problem 159:

79	789	248	78	3479	12478	1389	-----	-----
----	-----	-----	----	------	-------	------	-------	-------

Problem 160:

268	28	26	12568	1256	-----	-----	-----	-----
-----	----	----	-------	------	-------	-------	-------	-------

Problem 161:

169	359	16	69	356	-----	-----	-----	-----
-----	-----	----	----	-----	-------	-------	-------	-------

Problem 162:

4579	47	78	4589	48	-----	-----	-----	-----
------	----	----	------	----	-------	-------	-------	-------

Problem 163:

467	14	45	15	69	169	-----	-----	-----
-----	----	----	----	----	-----	-------	-------	-------

Problem 164:

39	379	19	27	89	18	-----	-----	-----
----	-----	----	----	----	----	-------	-------	-------

Problem 165:

367	36	137	49	1369	19	-----	-----	-----
-----	----	-----	----	------	----	-------	-------	-------

Problem 166:

679	279	179	28	268	28	-----	-----	-----
-----	-----	-----	----	-----	----	-------	-------	-------

Problem 167:

56	12569	235	56	2356	129	-----	-----	-----
----	-------	-----	----	------	-----	-------	-------	-------

Problem 168:

1459	1459	125	25	125	-----	-----	-----	-----
------	------	-----	----	-----	-------	-------	-------	-------

Problem 169:

14	16	167	1345	13457	17	-----	-----	-----
----	----	-----	------	-------	----	-------	-------	-------

Problem 170:

145	15	145	167	2467	1267	-----	-----	-----
-----	----	-----	-----	------	------	-------	-------	-------

Problem 171:

19	169	89	389	38	-----	-----	-----	-----
----	-----	----	-----	----	-------	-------	-------	-------

Problem 172:

168	349	34568	1349	149	1356	19	-----	-----
-----	-----	-------	------	-----	------	----	-------	-------

Problem 173:

78	89	14	79	1789	-----	-----	-----	-----
----	----	----	----	------	-------	-------	-------	-------

Problem 174:

78	89	347	38	39	-----	-----	-----	-----
----	----	-----	----	----	-------	-------	-------	-------

Problem 175:

679	679	127	67	1267	-----	-----	-----	-----
-----	-----	-----	----	------	-------	-------	-------	-------

Problem 176:

157	156	68	168	12	26	-----	-----	-----
-----	-----	----	-----	----	----	-------	-------	-------

Problem 177:

1235	123457	127	127	17	49	459	-----	-----
------	--------	-----	-----	----	----	-----	-------	-------

Problem 178:

1256	1267	1458	1458	48	14567	145	-----	-----
------	------	------	------	----	-------	-----	-------	-------

Problem 179:

79	467	37	367	39	-----	-----	-----	-----
----	-----	----	-----	----	-------	-------	-------	-------

Problem 180:

129	268	1789	123468	12	23478	12489	129	-----
-----	-----	------	--------	----	-------	-------	-----	-------

Problem 181:

12	13	14	134	1279	179	-----	-----	-----
----	----	----	-----	------	-----	-------	-------	-------

Problem 182:

23	349	349	37	237	-----	-----	-----	-----
----	-----	-----	----	-----	-------	-------	-------	-------

Problem 183:

58	589	89	3789	3578	-----	-----	-----	-----
----	-----	----	------	------	-------	-------	-------	-------

Problem 184:

45	268	46	145	128	14	-----	-----	-----
----	-----	----	-----	-----	----	-------	-------	-------

Problem 185:

3789	178	27	127	139	178	-----	-----	-----
------	-----	----	-----	-----	-----	-------	-------	-------

Problem 186:

246	246	167	178	1678	1256	78	-----	-----
-----	-----	-----	-----	------	------	----	-------	-------

Problem 187:

13	139	29	139	235	-----	-----	-----	-----
----	-----	----	-----	-----	-------	-------	-------	-------

Problem 188:

69	39	34678	346	36	4678	-----	-----	-----
----	----	-------	-----	----	------	-------	-------	-------

Problem 189:

146	78	15678	569	16	69	1456	-----	-----
-----	----	-------	-----	----	----	------	-------	-------

Problem 190:

2468	46	246	28	3458	2358	-----	-----	-----
------	----	-----	----	------	------	-------	-------	-------

Problem 191:

158	135	357	128	37	35	-----	-----	-----
-----	-----	-----	-----	----	----	-------	-------	-------

Problem 192:

138	123	279	279	178	79	-----	-----	-----
-----	-----	-----	-----	-----	----	-------	-------	-------

Problem 193:

124568	1458	26	14567	28	267	2678	-----	-----
--------	------	----	-------	----	-----	------	-------	-------

Problem 194:

1236	24568	145	13	145	236	26	-----	-----
------	-------	-----	----	-----	-----	----	-------	-------

Problem 195:

236	23456	2356	19	139	39	346	-----	-----
-----	-------	------	----	-----	----	-----	-------	-------

Problem 196:

356	346	346	23568	2358	35	-----	-----	-----
-----	-----	-----	-------	------	----	-------	-------	-------

Problem 197:

268	26	36	28	2356	-----	-----	-----	-----
-----	----	----	----	------	-------	-------	-------	-------

Problem 198:

2578	257	2578	68	28	13689	1269	2389	-----
------	-----	------	----	----	-------	------	------	-------

Problem 199:

34	49	1369	24	1679	234	2479	-----	-----
----	----	------	----	------	-----	------	-------	-------

Problem 200:

358	18	48	14	35	-----	-----	-----	-----
-----	----	----	----	----	-------	-------	-------	-------

Problem 201:

16	2348	1268	1268	1268	1234	-----	-----	-----
----	------	------	------	------	------	-------	-------	-------

Problem 202:

56	36	35	57	257	-----	-----	-----	-----
----	----	----	----	-----	-------	-------	-------	-------

Problem 203:

29	2368	28	48	49	467	379	-----	-----
----	------	----	----	----	-----	-----	-------	-------

Problem 204:

157	57	1247	17	247	-----	-----	-----	-----
-----	----	------	----	-----	-------	-------	-------	-------

Problem 205:

235	256	235	38	3478	28	2469	246789	-----
-----	-----	-----	----	------	----	------	--------	-------

Problem 206:

3489	48	3489	27	247	278	-----	-----	-----
------	----	------	----	-----	-----	-------	-------	-------

Problem 207:

57	23	39	29	2579	-----	-----	-----	-----
----	----	----	----	------	-------	-------	-------	-------

Problem 208:

14789	489	129	129	178	12	-----	-----	-----
-------	-----	-----	-----	-----	----	-------	-------	-------

Problem 209:

2347	23	3459	34	347	359	-----	-----	-----
------	----	------	----	-----	-----	-------	-------	-------

Problem 210:

3567	356	19	13	49	149	1457	-----	-----
------	-----	----	----	----	-----	------	-------	-------

Problem 211:

12346	23	36	236	1346	-----	-----	-----	-----
-------	----	----	-----	------	-------	-------	-------	-------

Problem 212:

23578	35678	235678	38	138	138	2578	-----	-----
-------	-------	--------	----	-----	-----	------	-------	-------

Problem 213:

35789	35789	23	36	236	36789	23678	-----	-----
-------	-------	----	----	-----	-------	-------	-------	-------

Problem 214:

69	38	137	78	36	369	-----	-----	-----
----	----	-----	----	----	-----	-------	-------	-------

Problem 215:

2389	23489	23	23	234	-----	-----	-----	-----
------	-------	----	----	-----	-------	-------	-------	-------

Problem 216:

35	39	59	1589	1589	-----	-----	-----	-----
----	----	----	------	------	-------	-------	-------	-------

Problem 217:

358	238	235	38	1359	13589	-----	-----	-----
-----	-----	-----	----	------	-------	-------	-------	-------

Problem 218:

358	58	13589	38	19	-----	-----	-----	-----
-----	----	-------	----	----	-------	-------	-------	-------

Problem 219:

12468	149	1489	246	149	149	-----	-----	-----
-------	-----	------	-----	-----	-----	-------	-------	-------

Problem 220:

3467	469	459	3457	459	456	-----	-----	-----
------	-----	-----	------	-----	-----	-------	-------	-------

Problem 221:

2345	459	37	459	279	49	-----	-----	-----
------	-----	----	-----	-----	----	-------	-------	-------

Problem 222:

56	35689	679	279	2569	378	69	-----	-----
----	-------	-----	-----	------	-----	----	-------	-------

Problem 223:

469	3689	3678	3678	469	69	-----	-----	-----
-----	------	------	------	-----	----	-------	-------	-------

Problem 224:

78	2589	2589	278	278	-----	-----	-----	-----
----	------	------	-----	-----	-------	-------	-------	-------

Problem 225:

1469	14	26	469	67	267	-----	-----	-----
------	----	----	-----	----	-----	-------	-------	-------

Problem 226:

1789	29	59	25	1279	18	-----	-----	-----
------	----	----	----	------	----	-------	-------	-------

Problem 227:

268	2589	28	268	569	-----	-----	-----	-----
-----	------	----	-----	-----	-------	-------	-------	-------

Problem 228:

359	357	589	159	89	149	589	-----	-----
-----	-----	-----	-----	----	-----	-----	-------	-------

Problem 229:

345	3457	45	14679	37	13679	367	-----	-----
-----	------	----	-------	----	-------	-----	-------	-------

Problem 230:

238	347	2347	137	19	379	37	-----	-----
-----	-----	------	-----	----	-----	----	-------	-------

Problem 231:

67	678	169	1689	678	-----	-----	-----	-----
----	-----	-----	------	-----	-------	-------	-------	-------

Problem 232:

89	3789	3478	48	489	-----	-----	-----	-----
----	------	------	----	-----	-------	-------	-------	-------

Problem 233:

3478	37	68	368	38	-----	-----	-----	-----
------	----	----	-----	----	-------	-------	-------	-------

Problem 234:

34689	689	2358	58	68	23468	68	-----	-----
-------	-----	------	----	----	-------	----	-------	-------

Problem 235:

68	23468	268	68	23478	23478	-----	-----	-----
----	-------	-----	----	-------	-------	-------	-------	-------

Problem 236:

24	14	23467	46	13467	146	-----	-----	-----
----	----	-------	----	-------	-----	-------	-------	-------

Problem 237:

2458	2489	78	24789	58	578	-----	-----	-----
------	------	----	-------	----	-----	-------	-------	-------

Problem 238:

19	15	159	12356	1256	1359	-----	-----	-----
----	----	-----	-------	------	------	-------	-------	-------

Problem 239:

1478	19	145	15	145789	159	-----	-----	-----
------	----	-----	----	--------	-----	-------	-------	-------

Problem 240:

468	16	19	69	3478	479	3489	-----	-----
-----	----	----	----	------	-----	------	-------	-------

Problem 241:

4689	24569	34	2345	48	69	348	-----	-----
------	-------	----	------	----	----	-----	-------	-------

Problem 242:

147	178	14	348	18	234578	2578	-----	-----
-----	-----	----	-----	----	--------	------	-------	-------

Problem 243:

157	57	157	1579	256789	1256789	2569	-----	-----
-----	----	-----	------	--------	---------	------	-------	-------

Problem 244:

134689	1346789	4689	46789	4679	469	4679	-----	-----
--------	---------	------	-------	------	-----	------	-------	-------

Problem 245:

12359	1259	135	29	567	12567	1259	-----	-----
-------	------	-----	----	-----	-------	------	-------	-------

Problem 246:

12567	2367	125679	267	2367	5679	367	-----	-----
-------	------	--------	-----	------	------	-----	-------	-------

Problem 247:

345679	34679	139	136	12369	2345	126	1236	-----
--------	-------	-----	-----	-------	------	-----	------	-------

Problem 248:

3489	39	1379	137	139	128	12489	-----	-----
------	----	------	-----	-----	-----	-------	-------	-------

Problem 249:

149	69	169	137	469	347	-----	-----	-----
-----	----	-----	-----	-----	-----	-------	-------	-------

Problem 250:

35	2367	36	35	2356	-----	-----	-----	-----
----	------	----	----	------	-------	-------	-------	-------

Problem 251:

237	236	67	1237	136	12579	1579	-----	-----
-----	-----	----	------	-----	-------	------	-------	-------

Problem 252:

1589	59	259	25	1258	-----	-----	-----	-----
------	----	-----	----	------	-------	-------	-------	-------

Problem 253:

569	35679	2367	26	2569	59	-----	-----	-----
-----	-------	------	----	------	----	-------	-------	-------

Problem 254:

18	145	345789	3459	14578	45	1457	-----	-----
----	-----	--------	------	-------	----	------	-------	-------

Problem 255:

469	16	13	36	49	-----	-----	-----	-----
-----	----	----	----	----	-------	-------	-------	-------

Problem 256:

12	128	234	28	134	-----	-----	-----	-----
----	-----	-----	----	-----	-------	-------	-------	-------

Problem 257:

346	36	2367	267	34	-----	-----	-----	-----
-----	----	------	-----	----	-------	-------	-------	-------

Problem 258:

359	58	358	38	79	-----	-----	-----	-----
-----	----	-----	----	----	-------	-------	-------	-------

Problem 259:

1356	136	15	136	136789	156789	358	-----	-----
------	-----	----	-----	--------	--------	-----	-------	-------

Problem 260:

57	1478	68	1568	468	46	-----	-----	-----
----	------	----	------	-----	----	-------	-------	-------

Problem 261:

39	136	37	567	169	13	-----	-----	-----
----	-----	----	-----	-----	----	-------	-------	-------

Problem 262:

25	23569	578	358	58	278	2689	-----	-----
----	-------	-----	-----	----	-----	------	-------	-------

Problem 263:

57	17	58	28	18	1248	-----	-----	-----
----	----	----	----	----	------	-------	-------	-------

Problem 264:

368	3569	6789	26	57	238	368	-----	-----
-----	------	------	----	----	-----	-----	-------	-------

Problem 265:

168	158	68	2456	1248	168	-----	-----	-----
-----	-----	----	------	------	-----	-------	-------	-------

Problem 266:

17	1279	126	67	127	12369	-----	-----	-----
----	------	-----	----	-----	-------	-------	-------	-------

Problem 267:

28	2368	238	167	39	12789	268	-----	-----
----	------	-----	-----	----	-------	-----	-------	-------

Problem 268:

57	5679	257	25	2679	-----	-----	-----	-----
----	------	-----	----	------	-------	-------	-------	-------

Problem 269:

378	238	235	2358	4579	578	2479	-----	-----
-----	-----	-----	------	------	-----	------	-------	-------

Problem 270:

378	237	12356	12358	57	578	27	-----	-----
-----	-----	-------	-------	----	-----	----	-------	-------

Problem 271:

1248	136	1268	13468	136	136	-----	-----	-----
------	-----	------	-------	-----	-----	-------	-------	-------

Problem 272:

168	1358	68	39	59	16	-----	-----	-----
-----	------	----	----	----	----	-------	-------	-------

Problem 273:

23589	2359	589	68	89	69	-----	-----	-----
-------	------	-----	----	----	----	-------	-------	-------

Problem 274:

18	28	38	13489	128	1349	-----	-----	-----
----	----	----	-------	-----	------	-------	-------	-------

Problem 275:

17	178	49	178	1479	-----	-----	-----	-----
----	-----	----	-----	------	-------	-------	-------	-------

Problem 276:

39	1235	1259	279	39	379	-----	-----	-----
----	------	------	-----	----	-----	-------	-------	-------

Problem 277:

136	67	2369	679	12367	67	-----	-----	-----
-----	----	------	-----	-------	----	-------	-------	-------

Problem 278:

13	23	268	168	126	3689	3469	-----	-----
----	----	-----	-----	-----	------	------	-------	-------

Problem 279:

56	3569	256	3569	256	-----	-----	-----	-----
----	------	-----	------	-----	-------	-------	-------	-------

Problem 280:

358	358	2345	1256	146	35	1245	-----	-----
-----	-----	------	------	-----	----	------	-------	-------

Problem 281:

14568	18	48	27	257	57	1567	-----	-----
-------	----	----	----	-----	----	------	-------	-------

Problem 282:

35	256	35	2356	12345	12345	-----	-----	-----
----	-----	----	------	-------	-------	-------	-------	-------

Problem 283:

13568	389	389	39	358	1568	-----	-----	-----
-------	-----	-----	----	-----	------	-------	-------	-------

Problem 284:

59	589	58	3689	3689	-----	-----	-----	-----
----	-----	----	------	------	-------	-------	-------	-------

Problem 285:

1369	69	1369	3489	48	139	-----	-----	-----
------	----	------	------	----	-----	-------	-------	-------

Problem 286:

1489	1489	569	59	69	489	-----	-----	-----
------	------	-----	----	----	-----	-------	-------	-------

Problem 287:

568	47	14	17	14678	14578	-----	-----	-----
-----	----	----	----	-------	-------	-------	-------	-------

Problem 288:

57	378	2368	23678	38	357	-----	-----	-----
----	-----	------	-------	----	-----	-------	-------	-------

Problem 289:

37	378	13478	13468	68	37	-----	-----	-----
----	-----	-------	-------	----	----	-------	-------	-------

Problem 290:

14	1348	38	58	37	357	-----	-----	-----
----	------	----	----	----	-----	-------	-------	-------

Problem 291:

34	459	137	69	369	147	46	-----	-----
----	-----	-----	----	-----	-----	----	-------	-------

Problem 292:

2589	23	25	237	23789	237	-----	-----	-----
------	----	----	-----	-------	-----	-------	-------	-------

Problem 293:

14	1356	58	358	45	35	-----	-----	-----
----	------	----	-----	----	----	-------	-------	-------

Problem 294:

357	57	479	1479	57	1357	-----	-----	-----
-----	----	-----	------	----	------	-------	-------	-------

Problem 295:

1367	1367	167	67	349	349	-----	-----	-----
------	------	-----	----	-----	-----	-------	-------	-------

Problem 296:

568	68	56	457	14568	178	-----	-----	-----
-----	----	----	-----	-------	-----	-------	-------	-------

Problem 297:

235	568	68	56	23689	2369	-----	-----	-----
-----	-----	----	----	-------	------	-------	-------	-------

Problem 298:

458	58	1248	458	1248	-----	-----	-----	-----
-----	----	------	-----	------	-------	-------	-------	-------

Problem 299:

1258	258	1378	158	58	1237	-----	-----	-----
------	-----	------	-----	----	------	-------	-------	-------

Problem 300:

48	1346	1346	48	348	-----	-----	-----	-----
----	------	------	----	-----	-------	-------	-------	-------

Problem 301:

289	28	89	167	127	127	-----	-----	-----
-----	----	----	-----	-----	-----	-------	-------	-------

Problem 302:

5678	5678	3456	46	345	3456	-----	-----	-----
------	------	------	----	-----	------	-------	-------	-------

Problem 303:

1247	234	12347	4579	347	2459	1247	-----	-----
------	-----	-------	------	-----	------	------	-------	-------

Problem 304:

57	15	59	1259	79	-----	-----	-----	-----
----	----	----	------	----	-------	-------	-------	-------

Problem 305:

13579	79	39	37	13579	-----	-----	-----	-----
-------	----	----	----	-------	-------	-------	-------	-------

Problem 306:

14567	46	14567	45	56	-----	-----	-----	-----
-------	----	-------	----	----	-------	-------	-------	-------

Problem 307:

12579	12379	15	23579	125	1245	45	-----	-----
-------	-------	----	-------	-----	------	----	-------	-------

Problem 308:

26789	79	24789	39	23678	37	23478	-----	-----
-------	----	-------	----	-------	----	-------	-------	-------

Problem 309:

23579	235789	26	268	248	2359	28	234589	-----
-------	--------	----	-----	-----	------	----	--------	-------

Problem 310:

13458	13458	15	489	29	259	579	2579	-----
-------	-------	----	-----	----	-----	-----	------	-------

Problem 311:

168	156	1468	46	1569	1468	-----	-----	-----
-----	-----	------	----	------	------	-------	-------	-------

Problem 312:

12	689	36	26	13689	126	-----	-----	-----
----	-----	----	----	-------	-----	-------	-------	-------

Problem 313:

6789	78	47	478	4689	-----	-----	-----	-----
------	----	----	-----	------	-------	-------	-------	-------

Problem 314:

367	3479	49	67	367	-----	-----	-----	-----
-----	------	----	----	-----	-------	-------	-------	-------

Problem 315:

578	35	12345	234	12345	1478	14	-----	-----
-----	----	-------	-----	-------	------	----	-------	-------

Problem 316:

23	56	156	16	136	-----	-----	-----	-----
----	----	-----	----	-----	-------	-------	-------	-------

Problem 317:

678	35678	678	67	3458	458	-----	-----	-----
-----	-------	-----	----	------	-----	-------	-------	-------

Problem 318:

789	678	689	12	678	12689	-----	-----	-----
-----	-----	-----	----	-----	-------	-------	-------	-------

Problem 319:

36789	689	34678	79	479	49	-----	-----	-----
-------	-----	-------	----	-----	----	-------	-------	-------

Problem 320:

17	169	1258	12589	15	156	67	-----	-----
----	-----	------	-------	----	-----	----	-------	-------

Problem 321:

49	14	156	67	457	19	-----	-----	-----
----	----	-----	----	-----	----	-------	-------	-------

Problem 322:

3789	23789	24579	259	2459	279	24579	-----	-----
------	-------	-------	-----	------	-----	-------	-------	-------

Problem 323:

59	359	1459	59	14589	1259	123589	-----	-----
----	-----	------	----	-------	------	--------	-------	-------

Problem 324:

179	38	348	3478	37	14789	-----	-----	-----
-----	----	-----	------	----	-------	-------	-------	-------

Problem 325:

3457	17	56	456	13	46	-----	-----	-----
------	----	----	-----	----	----	-------	-------	-------

Problem 326:

145	2457	56	25678	568	1456	1568	-----	-----
-----	------	----	-------	-----	------	------	-------	-------

Problem 327:

39	27	389	189	389	127	-----	-----	-----
----	----	-----	-----	-----	-----	-------	-------	-------

Problem 328:

379	37	34	1347	39	-----	-----	-----	-----
-----	----	----	------	----	-------	-------	-------	-------

Problem 329:

34	346	36	1358	358	168	-----	-----	-----
----	-----	----	------	-----	-----	-------	-------	-------

Problem 330:

136	234	1468	24	1368	34	-----	-----	-----
-----	-----	------	----	------	----	-------	-------	-------

Problem 331:

2478	478	24	5678	569	69	569	-----	-----
------	-----	----	------	-----	----	-----	-------	-------

Problem 332:

279	37	1689	29	13	678	27	-----	-----
-----	----	------	----	----	-----	----	-------	-------

Problem 333:

245	234	459	47	347	34	-----	-----	-----
-----	-----	-----	----	-----	----	-------	-------	-------

Problem 334:

1257	27	125	26	67	-----	-----	-----	-----
------	----	-----	----	----	-------	-------	-------	-------

Problem 335:

158	15	58	39	3568	3689	-----	-----	-----
-----	----	----	----	------	------	-------	-------	-------

Problem 336:

589	58	3678	567	89	37	-----	-----	-----
-----	----	------	-----	----	----	-------	-------	-------

Problem 337:

458	1258	58	58	128	-----	-----	-----	-----
-----	------	----	----	-----	-------	-------	-------	-------

Problem 338:

17	167	12	289	127	689	-----	-----	-----
----	-----	----	-----	-----	-----	-------	-------	-------

Problem 339:

29	2569	2569	259	2489	48	-----	-----	-----
----	------	------	-----	------	----	-------	-------	-------

Problem 340:

345	1348	37	1348	457	35	-----	-----	-----
-----	------	----	------	-----	----	-------	-------	-------

Problem 341:

45	67	4689	56789	457	4567	-----	-----	-----
----	----	------	-------	-----	------	-------	-------	-------

Problem 342:

158	38	35	138	1489	1689	4689	-----	-----
-----	----	----	-----	------	------	------	-------	-------

Problem 343:

1689	169	38	378	68	368	-----	-----	-----
------	-----	----	-----	----	-----	-------	-------	-------

Problem 344:

14578	14578	136	1368	36	56	135	-----	-----
-------	-------	-----	------	----	----	-----	-------	-------

Problem 345:

346	67	489	38	489	34	-----	-----	-----
-----	----	-----	----	-----	----	-------	-------	-------

Problem 346:

36	269	56	2569	13	135	-----	-----	-----
----	-----	----	------	----	-----	-------	-------	-------

Problem 347:

258	15	158	58	12459	124589	-----	-----	-----
-----	----	-----	----	-------	--------	-------	-------	-------

Problem 348:

34	13478	1378	14	134	-----	-----	-----	-----
----	-------	------	----	-----	-------	-------	-------	-------

Problem 349:

1247	127	37	34	347	-----	-----	-----	-----
------	-----	----	----	-----	-------	-------	-------	-------

Problem 350:

37	379	39	69	5679	-----	-----	-----	-----
----	-----	----	----	------	-------	-------	-------	-------

Problem 351:

169	19	267	2679	2368	23689	29	-----	-----
-----	----	-----	------	------	-------	----	-------	-------

Problem 352:

257	257	13578	2579	24579	14578	2579	3457	-----
-----	-----	-------	------	-------	-------	------	------	-------

Problem 353:

379	37	379	189	1789	-----	-----	-----	-----
-----	----	-----	-----	------	-------	-------	-------	-------

Problem 354:

149	14	249	789	6789	24	479	-----	-----
-----	----	-----	-----	------	----	-----	-------	-------

Problem 355:

19	24569	39	135	1359	1369	123469	-----	-----
----	-------	----	-----	------	------	--------	-------	-------

Problem 356:

2456	246	1249	26	1259	56	-----	-----	-----
------	-----	------	----	------	----	-------	-------	-------

Problem 357:

1379	1389	78	178	78	-----	-----	-----	-----
------	------	----	-----	----	-------	-------	-------	-------

Problem 358:

1379	139	67	267	267	679	-----	-----	-----
------	-----	----	-----	-----	-----	-------	-------	-------

Problem 359:

579	579	478	24789	2578	579	-----	-----	-----
-----	-----	-----	-------	------	-----	-------	-------	-------

Problem 360:

678	68	457	47	67	-----	-----	-----	-----
-----	----	-----	----	----	-------	-------	-------	-------

Problem 361:

125679	12	679	159	29	159	-----	-----	-----
--------	----	-----	-----	----	-----	-------	-------	-------

Problem 362:

2349	29	2349	4689	689	39	-----	-----	-----
------	----	------	------	-----	----	-------	-------	-------

Problem 363:

1459	14569	13459	134569	15	15	-----	-----	-----
------	-------	-------	--------	----	----	-------	-------	-------

Problem 364:

469	346	39	27	24	47	1247	-----	-----
-----	-----	----	----	----	----	------	-------	-------

Problem 365:

159	56	56	169	-----	-----	-----	-----	-----
-----	----	----	-----	-------	-------	-------	-------	-------

Problem 366:

145	145	1257	15	1257	-----	-----	-----	-----
-----	-----	------	----	------	-------	-------	-------	-------

Problem 367:

49	34	15	39	45	27	4578	124578	-----
----	----	----	----	----	----	------	--------	-------

Problem 368:

1257	15	1257	156	56	-----	-----	-----	-----
------	----	------	-----	----	-------	-------	-------	-------

Problem 369:

39	578	78	58	6789	36789	-----	-----	-----
----	-----	----	----	------	-------	-------	-------	-------

Problem 370:

79	128	69	28	189	67	-----	-----	-----
----	-----	----	----	-----	----	-------	-------	-------

Problem 371:

123789	13789	1389	127	17	27	-----	-----	-----
--------	-------	------	-----	----	----	-------	-------	-------

Problem 372:

123478	1248	37	1347	14	37	-----	-----	-----
--------	------	----	------	----	----	-------	-------	-------

Problem 373:

67	127	129	679	679	-----	-----	-----	-----
----	-----	-----	-----	-----	-------	-------	-------	-------

Problem 374:

28	679	278	29	89	-----	-----	-----	-----
----	-----	-----	----	----	-------	-------	-------	-------

Problem 375:

37	178	378	167	3467	2479	78	24789	-----
----	-----	-----	-----	------	------	----	-------	-------

Problem 376:

456	4567	2456	457	47	248	-----	-----	-----
-----	------	------	-----	----	-----	-------	-------	-------

Problem 377:

48	1458	1458	238	234	234	-----	-----	-----
----	------	------	-----	-----	-----	-------	-------	-------

Problem 378:

234	127	347	234	24	-----	-----	-----	-----
-----	-----	-----	-----	----	-------	-------	-------	-------

Problem 379:

47	39	23	467	239	269	-----	-----	-----
----	----	----	-----	-----	-----	-------	-------	-------

Problem 380:

145	157	67	135	13	36	-----	-----	-----
-----	-----	----	-----	----	----	-------	-------	-------

Problem 381:

4578	789	1789	45	14	45	-----	-----	-----
------	-----	------	----	----	----	-------	-------	-------

Problem 382:

356	1236	3456	45	14	45	-----	-----	-----
-----	------	------	----	----	----	-------	-------	-------

Problem 383:

24689	68	2689	168	24678	168	12678	-----	-----
-------	----	------	-----	-------	-----	-------	-------	-------

Problem 384:

68	1358	67	1356	1367	789	789	-----	-----
----	------	----	------	------	-----	-----	-------	-------

Problem 385:

12689	1689	23	1236	26	1236	-----	-----	-----
-------	------	----	------	----	------	-------	-------	-------

Problem 386:

47	478	78	458	2678	2568	-----	-----	-----
----	-----	----	-----	------	------	-------	-------	-------

Problem 387:

457	345	38	358	23478	38	-----	-----	-----
-----	-----	----	-----	-------	----	-------	-------	-------

Problem 388:

26	2648	24678	267	267	-----	-----	-----	-----
----	------	-------	-----	-----	-------	-------	-------	-------

Problem 389:

16	16	168	679	6789	-----	-----	-----	-----
----	----	-----	-----	------	-------	-------	-------	-------

Problem 390:

23479	279	234	38	348	68	3468	-----	-----
-------	-----	-----	----	-----	----	------	-------	-------

Problem 391:

56	23	1234	234	123	15	-----	-----	-----
----	----	------	-----	-----	----	-------	-------	-------

Problem 392:

58	235	2357	57	578	-----	-----	-----	-----
----	-----	------	----	-----	-------	-------	-------	-------

Problem 393:

136	37	13678	137	17	-----	-----	-----	-----
-----	----	-------	-----	----	-------	-------	-------	-------

Problem 394:

2346	26	25	12	125	3567	13467	-----	-----
------	----	----	----	-----	------	-------	-------	-------

Problem 395:

47	1234	238	147	14	78	-----	-----	-----
----	------	-----	-----	----	----	-------	-------	-------

Problem 396:

3579	134579	47	789	1789	14	147	-----	-----
------	--------	----	-----	------	----	-----	-------	-------

Problem 397:

23569	123569	67	579	59	569	1356	-----	-----
-------	--------	----	-----	----	-----	------	-------	-------

Problem 398:

14679	14679	35	57	34	39	47	-----	-----
-------	-------	----	----	----	----	----	-------	-------

Problem 399:

27	16	267	27	147	-----	-----	-----	-----
----	----	-----	----	-----	-------	-------	-------	-------

Problem 400:

125	1467	125	256	124	45	-----	-----	-----
-----	------	-----	-----	-----	----	-------	-------	-------

Problem 401:

49	14	1368	139	3489	134	-----	-----	-----
----	----	------	-----	------	-----	-------	-------	-------

Problem 402:

35	1258	125	25	12	-----	-----	-----	-----
----	------	-----	----	----	-------	-------	-------	-------

Problem 403:

34679	346	34	1457	39	157	46	-----	-----
-------	-----	----	------	----	-----	----	-------	-------

Problem 404:

12347	12347	247	24	47	-----	-----	-----	-----
-------	-------	-----	----	----	-------	-------	-------	-------

Problem 405:

247	246789	24	2458	248	47	456789	-----	-----
-----	--------	----	------	-----	----	--------	-------	-------

Problem 406:

1357	35	3458	48	14578	458	-----	-----	-----
------	----	------	----	-------	-----	-------	-------	-------

Problem 407:

34569	367	34	347	34569	67	-----	-----	-----
-------	-----	----	-----	-------	----	-------	-------	-------

Problem 408:

368	3468	168	18	347	18	-----	-----	-----
-----	------	-----	----	-----	----	-------	-------	-------

Problem 409:

5689	5689	568	268	59	23489	234568	-----	-----
------	------	-----	-----	----	-------	--------	-------	-------

Problem 410:

1349	237	234	13478	34	89	27	-----	-----
------	-----	-----	-------	----	----	----	-------	-------

Problem 411:

78	789	12378	3789	1238	37	-----	-----	-----
----	-----	-------	------	------	----	-------	-------	-------

Problem 412:

2679	35679	39	2359	29	39	-----	-----	-----
------	-------	----	------	----	----	-------	-------	-------

Problem 413:

34	789	139	13	14	78	-----	-----	-----
----	-----	-----	----	----	----	-------	-------	-------

Problem 414:

78	16	789	19	169	-----	-----	-----	-----
----	----	-----	----	-----	-------	-------	-------	-------

Problem 415:

48	49	4789	12468	1459	489	2468	3459	34789
----	----	------	-------	------	-----	------	------	-------

Problem 416:

79	3489	49	57	38	25	24	-----	-----
----	------	----	----	----	----	----	-------	-------

Problem 417:

378	468	79	38	49	18	13	-----	-----
-----	-----	----	----	----	----	----	-------	-------

Problem 418:

1259	1259	4589	259	259	4589	-----	-----	-----
------	------	------	-----	-----	------	-------	-------	-------

Problem 419:

259	59	2578	59	789	-----	-----	-----	-----
-----	----	------	----	-----	-------	-------	-------	-------

Problem 420:

2456	245	46	19	149	49	-----	-----	-----
------	-----	----	----	-----	----	-------	-------	-------

Problem 421:

49	149	25689	12459	49	1268	2568	-----	-----
----	-----	-------	-------	----	------	------	-------	-------

Problem 422:

26	35	234569	24569	236	236	-----	-----	-----
----	----	--------	-------	-----	-----	-------	-------	-------

Problem 423:

256	35	26	378	37	3578	-----	-----	-----
-----	----	----	-----	----	------	-------	-------	-------

Problem 424:

289	2389	369	28	369	2479	3789	-----	-----
-----	------	-----	----	-----	------	------	-------	-------

Problem 425:

35789	235789	57	257	578	1578	1578	-----	-----
-------	--------	----	-----	-----	------	------	-------	-------

Problem 426:

3456	56	356	69	45	249	-----	-----	-----
------	----	-----	----	----	-----	-------	-------	-------

Problem 427:

126	23	378	23678	12	123	-----	-----	-----
-----	----	-----	-------	----	-----	-------	-------	-------

Problem 428:

127	1257	127	234679	2567	2679	123469	126	-----
-----	------	-----	--------	------	------	--------	-----	-------

Problem 429:

2489	248	2489	49	3789	23789	-----	-----	-----
------	-----	------	----	------	-------	-------	-------	-------

Problem 430:

458	2568	2458	59	79	46	57	-----	-----
-----	------	------	----	----	----	----	-------	-------

Problem 431:

569	569	13678	357	1578	56	35678	-----	-----
-----	-----	-------	-----	------	----	-------	-------	-------

Problem 432:

39	389	1378	17	489	389	-----	-----	-----
----	-----	------	----	-----	-----	-------	-------	-------

Problem 433:

48	4569	248	2489	2568	28	-----	-----	-----
----	------	-----	------	------	----	-------	-------	-------

Problem 434:

34	3489	389	1378	38	1378	-----	-----	-----
----	------	-----	------	----	------	-------	-------	-------

Problem 435:

459	15679	1678	48	1678	167	167	-----	-----
-----	-------	------	----	------	-----	-----	-------	-------

Problem 436:

27	12	12379	127	1379	-----	-----	-----	-----
----	----	-------	-----	------	-------	-------	-------	-------

Problem 437:

1789	18	18	148	14789	-----	-----	-----	-----
------	----	----	-----	-------	-------	-------	-------	-------

Problem 438:

234	3456	135	136	13	135	-----	-----	-----
-----	------	-----	-----	----	-----	-------	-------	-------

Problem 439:

245	48	479	4789	4789	2459	-----	-----	-----
-----	----	-----	------	------	------	-------	-------	-------

Problem 440:

1357	47	3457	24	349	1789	278	78	-----
------	----	------	----	-----	------	-----	----	-------

Problem 441:

2345	234	4567	457	567	567	-----	-----	-----
------	-----	------	-----	-----	-----	-------	-------	-------

Problem 442:

459	45	3569	3569	49	-----	-----	-----	-----
-----	----	------	------	----	-------	-------	-------	-------

Problem 443:

1279	579	13459	359	2479	579	579	-----	-----
------	-----	-------	-----	------	-----	-----	-------	-------

Problem 444:

134	235	126	456	35	235	-----	-----	-----
-----	-----	-----	-----	----	-----	-------	-------	-------

Problem 445:

39	3579	36	16	13	357	-----	-----	-----
----	------	----	----	----	-----	-------	-------	-------

Problem 446:

34	1268	48	12346	234	348	-----	-----	-----
----	------	----	-------	-----	-----	-------	-------	-------

Problem 447:

239	34569	2345	123569	239	123	39	-----	-----
-----	-------	------	--------	-----	-----	----	-------	-------

Problem 448:

2679	2567	69	389	589	68	368	-----	-----
------	------	----	-----	-----	----	-----	-------	-------

Problem 449:

235679	25679	259	59	57	279	-----	-----	-----
--------	-------	-----	----	----	-----	-------	-------	-------

Problem 450:

579	67	1367	17	67	1359	-----	-----	-----
-----	----	------	----	----	------	-------	-------	-------

Problem 451:

689	158	1259	4689	48	49	1245	-----	-----
-----	-----	------	------	----	----	------	-------	-------

Problem 452:

459	17	179	1457	17	-----	-----	-----	-----
-----	----	-----	------	----	-------	-------	-------	-------

Problem 453:

59	478	259	79	257	4678	25678	-----	-----
----	-----	-----	----	-----	------	-------	-------	-------

Problem 454:

259	89	258	1789	12578	28	-----	-----	-----
-----	----	-----	------	-------	----	-------	-------	-------

Problem 455:

79	45	2379	1359	279	59	245	-----	-----
----	----	------	------	-----	----	-----	-------	-------

Problem 456:

579	59	15679	579	2579	1256	-----	-----	-----
-----	----	-------	-----	------	------	-------	-------	-------

Problem 457:

456	456	468	4789	679	468	-----	-----	-----
-----	-----	-----	------	-----	-----	-------	-------	-------

Problem 458:

235	59	68	39	268	578	26	-----	-----
-----	----	----	----	-----	-----	----	-------	-------

Problem 459:

135	17	135	2367	127	27	-----	-----	-----
-----	----	-----	------	-----	----	-------	-------	-------

Problem 460:

59	2359	2457	2457	257	247	-----	-----	-----
----	------	------	------	-----	-----	-------	-------	-------

Problem 461:

68	89	6789	69	39	-----	-----	-----	-----
----	----	------	----	----	-------	-------	-------	-------

Problem 462:

2347	478	457	48	4578	23567	2368	-----	-----
------	-----	-----	----	------	-------	------	-------	-------

Problem 463:

4789	146789	16	1469	169	19	-----	-----	-----
------	--------	----	------	-----	----	-------	-------	-------

Problem 464:

389	389	34789	13489	38	2378	1238	-----	-----
-----	-----	-------	-------	----	------	------	-------	-------

Problem 465:

159	1469	159	589	4689	59	-----	-----	-----
-----	------	-----	-----	------	----	-------	-------	-------

Problem 466:

24569	159	46	159	1256	59	-----	-----	-----
-------	-----	----	-----	------	----	-------	-------	-------

Problem 467:

257	257	19	15	159	-----	-----	-----	-----
-----	-----	----	----	-----	-------	-------	-------	-------

Problem 468:

79	289	2789	135	2357	28	37	-----	-----
----	-----	------	-----	------	----	----	-------	-------

Problem 469:

26	2689	246	368	13469	46	1469	-----	-----
----	------	-----	-----	-------	----	------	-------	-------

Problem 470:

49	256	2567	56	14569	17	67	-----	-----
----	-----	------	----	-------	----	----	-------	-------

Problem 471:

1378	69	1679	179	679	3678	-----	-----	-----
------	----	------	-----	-----	------	-------	-------	-------

Problem 472:

238	23578	578	2357	1678	378	1368	-----	-----
-----	-------	-----	------	------	-----	------	-------	-------

Problem 473:

38	3467	4678	348	389	489	-----	-----	-----
----	------	------	-----	-----	-----	-------	-------	-------

Problem 474:

789	389	3789	78	3568	35678	-----	-----	-----
-----	-----	------	----	------	-------	-------	-------	-------

Problem 475:

3489	3489	569	56	389	56	-----	-----	-----
------	------	-----	----	-----	----	-------	-------	-------

Problem 476:

689	189	13689	89	46789	689	478	-----	-----
-----	-----	-------	----	-------	-----	-----	-------	-------

Problem 477:

579	2568	2568	256	68	46789	46	-----	-----
-----	------	------	-----	----	-------	----	-------	-------

Problem 478:

468	4678	1237	12378	278	2467	2467	-----	-----
-----	------	------	-------	-----	------	------	-------	-------

Problem 479:

2368	267	38	56	27	2567	-----	-----	-----
------	-----	----	----	----	------	-------	-------	-------

Problem 480:

469	346	679	69	146789	134678	469	-----	-----
-----	-----	-----	----	--------	--------	-----	-------	-------

Problem 481:

126	1256	15	1579	1579	1256	-----	-----	-----
-----	------	----	------	------	------	-------	-------	-------

Problem 482:

456	12456	135	135	15	1256	-----	-----	-----
-----	-------	-----	-----	----	------	-------	-------	-------

Problem 483:

167	1467	1467	46	1569	14679	-----	-----	-----
-----	------	------	----	------	-------	-------	-------	-------

Problem 484:

1357	157	137	37	467	3467	-----	-----	-----
------	-----	-----	----	-----	------	-------	-------	-------

Problem 485:

379	359	139	359	379	13679	-----	-----	-----
-----	-----	-----	-----	-----	-------	-------	-------	-------

Problem 486:

689	19	159	1689	159	-----	-----	-----	-----
-----	----	-----	------	-----	-------	-------	-------	-------

Problem 487:

234569	2369	36	3456	239	239	-----	-----	-----
--------	------	----	------	-----	-----	-------	-------	-------

Problem 488:

239	239	23	138	1389	-----	-----	-----	-----
-----	-----	----	-----	------	-------	-------	-------	-------

Problem 489:

2389	239	34	358	3458	58	-----	-----	-----
------	-----	----	-----	------	----	-------	-------	-------

Problem 490:

46	15	1578	1478	56	16	-----	-----	-----
----	----	------	------	----	----	-------	-------	-------

Problem 491:

23	2369	12469	258	14589	28	1235	38	-----
----	------	-------	-----	-------	----	------	----	-------

Problem 492:

357	37	1379	357	125	123579	-----	-----	-----
-----	----	------	-----	-----	--------	-------	-------	-------

Problem 493:

1367	13679	347	349	379	34	-----	-----	-----
------	-------	-----	-----	-----	----	-------	-------	-------

Problem 494:

37	257	14	23	12347	35	-----	-----	-----
----	-----	----	----	-------	----	-------	-------	-------

Problem 495:

1234	237	237	357	1347	35	-----	-----	-----
------	-----	-----	-----	------	----	-------	-------	-------

Problem 496:

167	1679	13457	13459	1379	139	1369	-----	-----
-----	------	-------	-------	------	-----	------	-------	-------

Problem 497:

1347	134578	147	14	14578	179	19	-----	-----
------	--------	-----	----	-------	-----	----	-------	-------

Problem 498:

145678	56	124	278	178	248	124	-----	-----
--------	----	-----	-----	-----	-----	-----	-------	-------

Problem 499:

249	58	4568	568	68	248	-----	-----	-----
-----	----	------	-----	----	-----	-------	-------	-------

Problem 500:

689	2469	236	23	14	26	2368	-----	-----
-----	------	-----	----	----	----	------	-------	-------

C. Solutions to problems to in separation of values.

Definitions:

A **changed** square is one from which one or more digits were deleted in the previous action. A **non-changed** square is one which is not a **changed** square.

Coding:

A digit is shown in *plain* text if it is in a **non-changed** square. If a digit is **underscored**, then it is slated for deletion, and will not appear on the next line. If it is **bold on line 1**, then it is the cause of all **underscored** digits (of the same value) on that line being deleted. If it is **bold on line 2 or on subsequent lines**, this indicates that it is the member of a **changed** square. If it is **both italic & bold on line 2 or on subsequent lines**, then it is the same as bold alone on line 1; that is, it is the cause of deletion of all **underscored** digits of the same value on that same line, except that it may or may not be a member of a **changed** square. Note that digits which cause other digits to be deleted are never themselves deleted in the same action.

Although the coding above might seem complicated, its use in specific examples becomes evident. In Problem 11, below, we have the representation of the 9 squares of a row, column, or box of a sudoku:

178	<u>1278</u>	17	<u>1234579</u>	18	<u>1234689</u>	35	36	56
178	2	17	<u>23459</u>	18	<u>23469</u>	35	36	56
178	2	17	<u>249</u>	18	<u>249</u>	35	36	56
178	2	17	49	18	49	35	36	56

Line 1 shows the original set of 9 squares. The first observation is that squares #1, 3 & 5 are composed only of the digits 1, 7 & 8. Therefore they “own” these digits, so all other occurrences of the digits 1, 7 & 8 may be deleted from all other squares. The digits to be deleted are underlined in line 1. Note that they do not appear in line 2.

In line 2, squares #7, 8 & 9 are composed of only the digits 3, 5 & 6. They therefore own these digits, & are the cause of deletion of all other occurrences of these digits in the other 6 squares. Squares 7, 8 & 9 are

shown in both italic & bold, in order to differentiate them from squares #2, 4 & 6, which are in bold because they are changed squares. All occurrences of digits to be deleted are underlined, and the deleted digits do not appear in line 3.

In line 3, the last 3 squares are shown in plain text, because they have not changed since line 2. The digit 2 in square #2 is italicized to show that it is the cause of deletion of all other occurrences of the digit 2 (underscored) in that line. Note that these other occurrences do not appear in line 4.

Line 4 shows only squares #4 & 6 in bold, indicating that they are changed squares.

Solutions:

Solution 1:

<u>3458</u>	238	<u>358</u>	238	28	-----	-----	-----	-----
-------------	------------	------------	------------	-----------	-------	-------	-------	-------

45	238	5	238	28	-----	-----	-----	-----
-----------	-----	----------	-----	----	-------	-------	-------	-------

4	238	5	238	28	-----	-----	-----	-----
----------	-----	---	-----	----	-------	-------	-------	-------

Solution 2:

<u>3458</u>	2358	<u>2478</u>	358	2358	28	-----	-----	-----
-------------	-------------	-------------	------------	-------------	-----------	-------	-------	-------

4	2358	47	358	2358	28	-----	-----	-----
----------	------	-----------	-----	------	----	-------	-------	-------

4	2358	7	358	2358	28	-----	-----	-----
---	------	----------	-----	------	----	-------	-------	-------

Solution 3:

<u>358</u>	56	138	138	38	-----	-----	-----	-----
------------	----	------------	------------	-----------	-------	-------	-------	-------

5	56	138	138	38	-----	-----	-----	-----
----------	-----------	-----	-----	----	-------	-------	-------	-------

5	6	138	138	38	-----	-----	-----	-----
---	----------	-----	-----	----	-------	-------	-------	-------

Solution 4:

<u>56</u>	258	<u>3567</u>	258	<u>237</u>	28	-----	-----	-----
-----------	------------	-------------	------------	------------	-----------	-------	-------	-------

6	258	367	258	37	28	-----	-----	-----
----------	-----	------------	-----	-----------	----	-------	-------	-------

6	258	37	258	37	28	-----	-----	-----
---	-----	-----------	-----	-----------	----	-------	-------	-------

Solution 5:

<u>14</u> 59	<u>12</u> <u>4</u> 59	12	258	258	28	-----	-----	-----
--------------	-----------------------	----	------------	------------	-----------	-------	-------	-------

<u>14</u>9	<u>14</u>9	1	258	258	28	-----	-----	-----
-------------------	-------------------	----------	-----	-----	----	-------	-------	-------

49	49	1	258	258	28	-----	-----	-----
-----------	-----------	---	-----	-----	----	-------	-------	-------

Solution 6:

<u>134</u> 89	39	18	14	148	-----	-----	-----	-----
---------------	----	-----------	-----------	------------	-------	-------	-------	-------

39	39	18	14	148	-----	-----	-----	-----
-----------	----	----	----	-----	-------	-------	-------	-------

Solution 7:

<u>237</u> 8	<u>23</u> 47	148	148	<u>13</u> 4	14	-----	-----	-----
--------------	--------------	------------	------------	-------------	-----------	-------	-------	-------

<u>23</u>7	<u>23</u>7	148	148	3	14	-----	-----	-----
-------------------	-------------------	-----	-----	----------	----	-------	-------	-------

27	27	148	148	3	14	-----	-----	-----
-----------	-----------	-----	-----	---	----	-------	-------	-------

Solution 8:

<u>14</u> 8	<u>134</u> 89	24	24	39	<u>12</u> 4	-----	-----	-----
-------------	---------------	-----------	-----------	----	-------------	-------	-------	-------

<u>18</u>	<u>138</u>9	24	24	39	1	-----	-----	-----
------------------	--------------------	----	----	----	----------	-------	-------	-------

8	<u>38</u>9	24	24	39	1	-----	-----	-----
----------	-------------------	----	----	----	---	-------	-------	-------

8	39	24	24	39	1	-----	-----	-----
---	-----------	----	----	----	---	-------	-------	-------

Solution 9:

36	346	34	<u>356</u> 7	<u>35</u> 7	-----	-----	-----	-----
-----------	------------	-----------	--------------	-------------	-------	-------	-------	-------

36	346	34	57	57	-----	-----	-----	-----
----	-----	----	-----------	-----------	-------	-------	-------	-------

Solution 10:

<u>15</u>	25	<u>145</u> 6	245	<u>45</u> 9	245	-----	-----	-----
-----------	-----------	--------------	------------	-------------	------------	-------	-------	-------

1	25	<u>16</u>	245	9	245	-----	-----	-----
----------	----	------------------	-----	----------	-----	-------	-------	-------

1	25	6	245	9	245	-----	-----	-----
---	----	----------	-----	---	-----	-------	-------	-------

Solution 11:

178	<u>1278</u>	17	<u>1234579</u>	18	<u>1234689</u>	35	36	56
------------	-------------	-----------	----------------	-----------	----------------	----	----	----

178	2	17	23459	18	23469	35	36	56
-----	----------	----	--------------	----	--------------	-----------	-----------	-----------

178	2	17	249	18	249	35	36	56
-----	----------	----	------------	----	------------	----	----	----

178	2	17	49	18	49	35	36	56
-----	----------	----	-----------	----	-----------	----	----	----

Solution 12:

4568	568	4568	<u>2345</u>	456	<u>234568</u>	-----	-----	-----
-------------	------------	-------------	-------------	------------	---------------	-------	-------	-------

4568	568	4568	23	456	23	-----	-----	-----
------	-----	------	-----------	-----	-----------	-------	-------	-------

Solution 13:

23579	235	345	345	2479	24	-----	-----	-----
--------------	-----	-----	-----	-------------	----	-------	-------	-------

79	235	345	345	79	24	-----	-----	-----
-----------	-----	-----	-----	-----------	----	-------	-------	-------

Solution 14:

<u>15</u>	17	<u>1357</u>	17	-----	-----	-----	-----	-----
-----------	-----------	-------------	-----------	-------	-------	-------	-------	-------

5	17	35	17	-----	-----	-----	-----	-----
----------	----	-----------	----	-------	-------	-------	-------	-------

5	17	3	17	-----	-----	-----	-----	-----
----------	----	----------	----	-------	-------	-------	-------	-------

Solution 15:

124	148	248	<u>124567</u>	<u>1457</u>	<u>246</u>	48	-----	-----
------------	------------	------------	---------------	-------------	------------	-----------	-------	-------

124	148	248	567	57	6	48	-----	-----
-----	-----	-----	------------	-----------	----------	----	-------	-------

124	148	248	57	57	6	48	-----	-----
-----	-----	-----	-----------	----	---	----	-------	-------

Solution 16:

89	48	13489	349	13489	<u>34579</u>	<u>457</u>	-----	-----
-----------	-----------	--------------	------------	--------------	--------------	------------	-------	-------

89	48	13489	349	13489	57	57	-----	-----
----	----	-------	-----	-------	-----------	-----------	-------	-------

Solution 17:

<u>46789</u>	479	<u>46789</u>	49	479	-----	-----	-----	-----
--------------	------------	--------------	-----------	------------	-------	-------	-------	-------

68	479	68	49	479	-----	-----	-----	-----
-----------	-----	-----------	----	-----	-------	-------	-------	-------

Solution 18:

<u>278</u>	<u>68</u>	<u>2678</u>	<u>367</u>	<u>78</u>	<u>1348</u>	<u>13468</u>	-----	-----
------------	-----------	-------------	------------	-----------	-------------	--------------	-------	-------

278	68	2678	3	78	134	134	-----	-----
-----	----	------	----------	----	------------	------------	-------	-------

278	68	2678	3	78	14	14	-----	-----
-----	----	------	---	----	-----------	-----------	-------	-------

Solution 19:

<u>389</u>	<u>1589</u>	<u>235</u>	<u>25</u>	<u>59</u>	<u>239</u>	-----	-----	-----
------------	-------------	------------	-----------	-----------	------------	-------	-------	-------

8	18	235	25	59	239	-----	-----	-----
----------	-----------	-----	----	----	-----	-------	-------	-------

8	1	235	25	59	239	-----	-----	-----
---	----------	-----	----	----	-----	-------	-------	-------

Solution 20:

<u>25</u>	<u>235</u>	<u>259</u>	<u>259</u>	<u>1349</u>	<u>13459</u>	-----	-----	-----
-----------	------------	------------	------------	-------------	--------------	-------	-------	-------

25	3	259	259	134	134	-----	-----	-----
----	----------	-----	-----	------------	------------	-------	-------	-------

25	3	259	259	14	14	-----	-----	-----
----	---	-----	-----	-----------	-----------	-------	-------	-------

Solution 21:

<u>79</u>	<u>3579</u>	<u>357</u>	<u>1467</u>	<u>13459</u>	<u>357</u>	<u>13459</u>	-----	-----
-----------	-------------	------------	-------------	--------------	------------	--------------	-------	-------

79	3579	357	146	14	357	14	-----	-----
----	------	-----	------------	-----------	-----	-----------	-------	-------

79	3579	357	6	14	357	14	-----	-----
----	------	-----	----------	----	-----	----	-------	-------

Solution 22:

<u>25</u>	<u>59</u>	<u>3589</u>	<u>38</u>	<u>1279</u>	<u>235</u>	<u>1357</u>	-----	-----
-----------	-----------	-------------	-----------	-------------	------------	-------------	-------	-------

25	59	3589	38	17	235	17	-----	-----
----	----	------	----	-----------	-----	-----------	-------	-------

Solution 23:

<u>34</u>	<u>78</u>	<u>1378</u>	<u>14</u>	<u>134</u>	-----	-----	-----	-----
-----------	-----------	-------------	-----------	------------	-------	-------	-------	-------

34	78	78	14	134	-----	-----	-----	-----
----	-----------	-----------	----	-----	-------	-------	-------	-------

Solution 24:

<u>269</u>	<u>256789</u>	<u>26</u>	<u>25678</u>	<u>67</u>	<u>679</u>	-----	-----	-----
------------	---------------	-----------	--------------	-----------	------------	-------	-------	-------

269	58	26	58	67	679	-----	-----	-----
-----	-----------	----	-----------	----	-----	-------	-------	-------

Solution 25:

4567	567	4567	<u>13</u> <u>578</u>	<u>14</u> <u>578</u>	<u>34</u> <u>57</u>	56	-----	-----
-------------	------------	-------------	----------------------	----------------------	---------------------	-----------	-------	-------

4567	567	4567	138	18	3	56	-----	-----
------	-----	------	------------	-----------	----------	----	-------	-------

4567	567	4567	18	18	3	56	-----	-----
------	-----	------	-----------	----	---	----	-------	-------

Solution 26:

13	<u>16</u> <u>78</u>	<u>23</u> <u>67</u>	136	28	16	-----	-----	-----
-----------	---------------------	---------------------	------------	----	-----------	-------	-------	-------

13	78	27	136	28	16	-----	-----	-----
----	-----------	-----------	-----	----	----	-------	-------	-------

Solution 27:

127	<u>12</u> <u>78</u>	126	26	<u>27</u> <u>89</u>	27	-----	-----	-----
------------	---------------------	------------	-----------	---------------------	-----------	-------	-------	-------

127	8	126	26	89	27	-----	-----	-----
-----	----------	-----	----	-----------	----	-------	-------	-------

127	8	126	26	9	27	-----	-----	-----
-----	---	-----	----	----------	----	-------	-------	-------

Solution 28:

137	<u>23</u> <u>47</u>	37	<u>12</u> <u>47</u>	13	-----	-----	-----	-----
------------	---------------------	-----------	---------------------	-----------	-------	-------	-------	-------

137	24	37	24	13	-----	-----	-----	-----
-----	-----------	----	-----------	----	-------	-------	-------	-------

Solution 29:

29	2457	1248	128	24	4578	89	-----	-----
----	-------------	------	-----	----	-------------	----	-------	-------

29	57	1248	128	24	57	89	-----	-----
----	-----------	------	-----	----	-----------	----	-------	-------

Solution 30:

24	579	<u>34</u> <u>67</u>	234	<u>36</u> <u>7</u>	<u>45</u> <u>79</u>	234	-----	-----
-----------	-----	---------------------	------------	--------------------	---------------------	------------	-------	-------

24	579	67	234	67	579	234	-----	-----
----	------------	-----------	-----	-----------	------------	-----	-------	-------

24	59	67	234	67	59	234	-----	-----
----	-----------	----	-----	----	-----------	-----	-------	-------

Solution 31:

46	13	1346	<u>67</u> <u>8</u>	<u>34</u> <u>78</u>	34	-----	-----	-----
-----------	-----------	-------------	--------------------	---------------------	-----------	-------	-------	-------

46	13	1346	78	78	34	-----	-----	-----
----	----	------	-----------	-----------	----	-------	-------	-------

Solution 32:

124678	1478	46	39	125	39	146	1245	1256
--------	------	----	----	-----	----	-----	------	------

78	78	46	39	125	39	146	1245	1256
----	----	----	----	-----	----	-----	------	------

Solution 33:

13567	45	57	457	13567	145	-----	-----	-----
-------	----	----	-----	-------	-----	-------	-------	-------

136	45	57	457	136	1	-----	-----	-----
-----	----	----	-----	-----	---	-------	-------	-------

36	45	57	457	36	1	-----	-----	-----
----	----	----	-----	----	---	-------	-------	-------

Solution 34:

35678	89	389	378	56789	389	-----	-----	-----
-------	----	-----	-----	-------	-----	-------	-------	-------

567	89	389	7	567	389	-----	-----	-----
-----	----	-----	---	-----	-----	-------	-------	-------

56	89	389	7	56	389	-----	-----	-----
----	----	-----	---	----	-----	-------	-------	-------

Solution 35:

146	124	2348	2368	24	124	-----	-----	-----
-----	-----	------	------	----	-----	-------	-------	-------

6	124	38	368	24	124	-----	-----	-----
---	-----	----	-----	----	-----	-------	-------	-------

6	124	38	38	24	124	-----	-----	-----
---	-----	----	----	----	-----	-------	-------	-------

Solution 36:

478	48	124	267	12	24	-----	-----	-----
-----	----	-----	-----	----	----	-------	-------	-------

78	8	124	67	12	24	-----	-----	-----
----	---	-----	----	----	----	-------	-------	-------

7	8	124	67	12	24	-----	-----	-----
---	---	-----	----	----	----	-------	-------	-------

7	8	124	6	12	24	-----	-----	-----
---	---	-----	---	----	----	-------	-------	-------

Solution 37:

378	79	57	1579	1389	179	-----	-----	-----
-----	----	----	------	------	-----	-------	-------	-------

38	79	57	1579	38	179	-----	-----	-----
----	----	----	------	----	-----	-------	-------	-------

Solution 38:

679	<u>489</u>	679	<u>279</u>	79	<u>2489</u>	-----	-----	-----
------------	------------	------------	------------	-----------	-------------	-------	-------	-------

679	48	679	2	79	<u>248</u>	-----	-----	-----
-----	-----------	-----	----------	----	-------------------	-------	-------	-------

679	48	679	2	79	48	-----	-----	-----
-----	----	-----	---	----	-----------	-------	-------	-------

Solution 39:

<u>12356</u>	236	68	368	<u>1235</u>	23	-----	-----	-----
--------------	------------	-----------	------------	-------------	-----------	-------	-------	-------

15	236	68	368	15	23	-----	-----	-----
-----------	-----	----	-----	-----------	----	-------	-------	-------

Solution 40:

<u>2568</u>	56	248	28	24	-----	-----	-----	-----
-------------	----	------------	-----------	-----------	-------	-------	-------	-------

56	56	248	28	24	-----	-----	-----	-----
-----------	----	-----	----	----	-------	-------	-------	-------

Solution 41:

24	<u>1289</u>	248	<u>14789</u>	28	<u>1789</u>	-----	-----	-----
-----------	-------------	------------	--------------	-----------	-------------	-------	-------	-------

24	19	248	179	28	179	-----	-----	-----
----	-----------	-----	------------	----	------------	-------	-------	-------

Solution 42:

24	<u>2456</u>	248	28	<u>2568</u>	-----	-----	-----	-----
-----------	-------------	------------	-----------	-------------	-------	-------	-------	-------

24	56	248	28	56	-----	-----	-----	-----
----	-----------	-----	----	-----------	-------	-------	-------	-------

Solution 43:

<u>12489</u>	248	<u>12789</u>	28	<u>1247</u>	24	-----	-----	-----
--------------	------------	--------------	-----------	-------------	-----------	-------	-------	-------

19	248	179	28	17	24	-----	-----	-----
-----------	-----	------------	----	-----------	----	-------	-------	-------

Solution 44:

129	<u>248</u>	12	<u>1248</u>	19	-----	-----	-----	-----
------------	------------	-----------	-------------	-----------	-------	-------	-------	-------

129	48	12	48	19	-----	-----	-----	-----
-----	-----------	----	-----------	----	-------	-------	-------	-------

Solution 45:

159	<u>1259</u>	19	<u>1289</u>	15	<u>12568</u>	-----	-----	-----
------------	-------------	-----------	-------------	-----------	--------------	-------	-------	-------

159	2	19	28	15	268	-----	-----	-----
-----	----------	----	-----------	----	------------	-------	-------	-------

159	2	19	8	15	68	-----	-----	-----
-----	---	----	----------	----	-----------	-------	-------	-------

159	2	19	8	15	6	-----	-----	-----
-----	---	----	---	----	----------	-------	-------	-------

Solution 46:

38	579	<u>25789</u>	<u>25789</u>	238	38	-----	-----	-----
-----------	-----	--------------	--------------	------------	-----------	-------	-------	-------

38	579	579	579	238	38	-----	-----	-----
----	-----	------------	------------	-----	----	-------	-------	-------

38	579	579	579	2	38	-----	-----	-----
----	-----	-----	-----	----------	----	-------	-------	-------

Solution 47:

24568	689	59	58	245689	568	-----	-----	-----
--------------	-----	----	----	---------------	-----	-------	-------	-------

24	689	59	58	24	568	-----	-----	-----
-----------	-----	----	----	-----------	-----	-------	-------	-------

Solution 48:

568	368	35	<u>2458</u>	<u>24568</u>	358	-----	-----	-----
------------	------------	-----------	-------------	--------------	------------	-------	-------	-------

568	368	35	24	24	358	-----	-----	-----
-----	-----	----	-----------	-----------	-----	-------	-------	-------

Solution 49:

15	14	2345	2345	45	-----	-----	-----	-----
----	----	-------------	-------------	----	-------	-------	-------	-------

15	14	23	23	45	-----	-----	-----	-----
----	----	-----------	-----------	----	-------	-------	-------	-------

Solution 50:

56	<u>2456</u>	<u>46</u>	568	68	-----	-----	-----	-----
-----------	-------------	-----------	------------	-----------	-------	-------	-------	-------

56	24	4	568	68	-----	-----	-----	-----
----	-----------	----------	-----	----	-------	-------	-------	-------

56	2	4	568	68	-----	-----	-----	-----
----	----------	---	-----	----	-------	-------	-------	-------

Solution 51:

456	<u>467</u>	456	456	<u>5789</u>	<u>489</u>	-----	-----	-----
------------	------------	------------	------------	-------------	------------	-------	-------	-------

456	7	456	456	789	89	-----	-----	-----
-----	---	-----	-----	------------	-----------	-------	-------	-------

456	7	456	456	89	89	-----	-----	-----
-----	---	-----	-----	-----------	----	-------	-------	-------

Solution 52:

179	139	139	<u>136</u> 78	37	<u>136</u> 78	-----	-----	-----
------------	------------	------------	---------------	-----------	---------------	-------	-------	-------

179	139	139	68	37	68	-----	-----	-----
-----	-----	-----	-----------	----	-----------	-------	-------	-------

Solution 53:

378	13	378	<u>47</u> 89	78	<u>47</u> 9	-----	-----	-----
------------	-----------	------------	--------------	-----------	-------------	-------	-------	-------

378	13	378	49	78	49	-----	-----	-----
-----	----	-----	-----------	----	-----------	-------	-------	-------

Solution 54:

17	35 <u>7</u> 9	<u>7</u> 9	<u>135</u> 7	17	-----	-----	-----	-----
-----------	---------------	------------	--------------	-----------	-------	-------	-------	-------

17	35 <u>9</u>	9	35	17	-----	-----	-----	-----
----	--------------------	----------	-----------	----	-------	-------	-------	-------

17	35	9	35	17	-----	-----	-----	-----
----	-----------	---	----	----	-------	-------	-------	-------

Solution 55:

19	159	15	<u>135</u> 6 <u>9</u>	<u>135</u>	-----	-----	-----	-----
-----------	------------	-----------	-----------------------	------------	-------	-------	-------	-------

19	159	15	36	3	-----	-----	-----	-----
----	-----	----	-----------	----------	-------	-------	-------	-------

19	159	15	6	3	-----	-----	-----	-----
----	-----	----	----------	---	-------	-------	-------	-------

Solution 56:

4579	4579	45	<u>167</u> 8 <u>9</u>	479	<u>567</u> 8 <u>9</u>	<u>145</u> 7 <u>9</u>	-----	-----
-------------	-------------	-----------	-----------------------	------------	-----------------------	-----------------------	-------	-------

4579	4579	45	168	479	68	1	-----	-----
------	------	----	------------	-----	-----------	----------	-------	-------

4579	4579	45	68	479	68	1	-----	-----
------	------	----	-----------	-----	----	---	-------	-------

Solution 57:

489	<u>13</u> 8	48	49	<u>5</u> 8	<u>134</u> 5	-----	-----	-----
------------	-------------	-----------	-----------	------------	--------------	-------	-------	-------

489	13	48	49	5	135	-----	-----	-----
-----	-----------	----	----	----------	------------	-------	-------	-------

489	13	48	49	5	13	-----	-----	-----
-----	----	----	----	---	-----------	-------	-------	-------

Solution 58:

<u>236</u> 7	126	<u>236</u> 7	268	268	126	-----	-----	-----
--------------	------------	--------------	------------	------------	------------	-------	-------	-------

37	126	37	268	268	126	-----	-----	-----
-----------	-----	-----------	-----	-----	-----	-------	-------	-------

Solution 59:

26	126	<u>246</u>	126	<u>1247</u>	<u>1256</u>	<u>124578</u>	-----	-----
26	126	4	126	<u>47</u>	5	4578	-----	-----
26	126	4	126	7	5	578	-----	-----
26	126	4	126	7	5	58	-----	-----
26	126	4	126	7	5	8	-----	-----

Solution 60:

<u>38</u>	<u>348</u>	37	357	<u>2458</u>	35	-----	-----	-----
8	<u>48</u>	37	357	<u>248</u>	35	-----	-----	-----
8	4	37	357	<u>24</u>	35	-----	-----	-----
8	4	37	357	2	35	-----	-----	-----

Solution 61:

59	589	<u>49</u>	34	234	24	-----	-----	-----
<u>59</u>	<u>589</u>	9	34	234	24	-----	-----	-----
5	<u>58</u>	9	34	234	24	-----	-----	-----
5	8	9	34	234	24	-----	-----	-----

Solution 62:

368	2348	379	3679	379	2348	368	-----	-----
368	24	379	3679	379	24	368	-----	-----

Solution 63:

159	<u>1279</u>	59	145	145	<u>12457</u>	-----	-----	-----
159	27	59	145	145	27	-----	-----	-----

Solution 64:

237	<u>679</u>	78	<u>6789</u>	238	238	-----	-----	-----
237	69	78	69	238	238	-----	-----	-----

Solution 65:

4569	3679	237	69	2459	269	2456	-----	-----
------	------	-----	----	------	-----	------	-------	-------

4569	37	37	69	2459	269	2456	-----	-----
------	----	----	----	------	-----	------	-------	-------

Solution 66:

237	237	1237	3789	12	289	-----	-----	-----
-----	-----	------	------	----	-----	-------	-------	-------

237	237	1237	89	12	89	-----	-----	-----
-----	-----	------	----	----	----	-------	-------	-------

Solution 67:

59	49	3469	34569	459	-----	-----	-----	-----
----	----	------	-------	-----	-------	-------	-------	-------

59	49	36	36	459	-----	-----	-----	-----
----	----	----	----	-----	-------	-------	-------	-------

Solution 68:

36	4579	346	346	3457	35679	-----	-----	-----
----	------	-----	-----	------	-------	-------	-------	-------

36	579	346	346	57	579	-----	-----	-----
----	-----	-----	-----	----	-----	-------	-------	-------

Solution 69:

347	23467	357	37	23567	3457	-----	-----	-----
-----	-------	-----	----	-------	------	-------	-------	-------

347	26	35	37	26	3457	-----	-----	-----
-----	----	----	----	----	------	-------	-------	-------

Solution 70:

79	49	4569	67	69	-----	-----	-----	-----
----	----	------	----	----	-------	-------	-------	-------

79	4	45	67	69	-----	-----	-----	-----
----	---	----	----	----	-------	-------	-------	-------

79	4	5	67	69	-----	-----	-----	-----
----	---	---	----	----	-------	-------	-------	-------

Solution 71:

5689	56	3789	27	267	37	267	-----	-----
------	----	------	----	-----	----	-----	-------	-------

89	5	89	27	267	37	267	-----	-----
----	---	----	----	-----	----	-----	-------	-------

89	5	89	27	267	3	267	-----	-----
----	---	----	----	-----	---	-----	-------	-------

Solution 72:

1368	126	238	38	25	2538	-----	-----	-----
------	-----	-----	----	----	------	-------	-------	-------

16	16	238	38	25	2538	-----	-----	-----
----	----	-----	----	----	------	-------	-------	-------

Solution 73:

1489	1489	48	24	258	258	-----	-----	-----
-------------	-------------	----	----	-----	-----	-------	-------	-------

19	19	48	24	258	258	-----	-----	-----
-----------	-----------	----	----	-----	-----	-------	-------	-------

Solution 74:

18	13	358	15689	13569	58	-----	-----	-----
----	----	-----	--------------	--------------	----	-------	-------	-------

18	13	358	69	69	58	-----	-----	-----
----	----	-----	-----------	-----------	----	-------	-------	-------

Solution 75:

<u>15679</u>	69	59	<u>13579</u>	56	<u>13567</u>	-----	-----	-----
--------------	-----------	-----------	--------------	-----------	--------------	-------	-------	-------

17	69	59	137	56	137	-----	-----	-----
-----------	----	----	------------	----	------------	-------	-------	-------

Solution 76:

258	59	29	2589	<u>459</u>	<u>23469</u>	<u>23469</u>	-----	-----
------------	-----------	-----------	-------------	------------	--------------	--------------	-------	-------

258	59	29	2589	4	346	346	-----	-----
-----	----	----	------	----------	------------	------------	-------	-------

258	59	29	2589	4	36	36	-----	-----
-----	----	----	------	---	-----------	-----------	-------	-------

Solution 77:

<u>1579</u>	<u>1279</u>	<u>59</u>	289	249	249	2489	-----	-----
-------------	-------------	-----------	------------	------------	------------	-------------	-------	-------

157	17	5	289	249	249	2489	-----	-----
------------	-----------	---	-----	-----	-----	------	-------	-------

17	17	5	289	249	249	2489	-----	-----
-----------	-----------	---	-----	-----	-----	------	-------	-------

Solution 78:

1467	1467	<u>46789</u>	<u>38</u>	1347	13467	367	-----	-----
-------------	-------------	--------------	-----------	-------------	--------------	------------	-------	-------

1467	1467	89	8	1347	13467	367	-----	-----
------	------	-----------	----------	------	-------	-----	-------	-------

1467	1467	9	8	1347	13467	367	-----	-----
------	------	----------	---	------	-------	-----	-------	-------

Solution 79:

38	12359	238	23589	138	28	-----	-----	-----
----	--------------	-----	--------------	-----	----	-------	-------	-------

38	59	238	59	138	28	-----	-----	-----
----	-----------	-----	-----------	-----	----	-------	-------	-------

Solution 80:

39	<u>2379</u>	23	<u>137</u>	59	25	-----	-----	-----
-----------	-------------	-----------	------------	-----------	-----------	-------	-------	-------

39	7	23	17	59	25	-----	-----	-----
----	---	----	-----------	----	----	-------	-------	-------

39	7	23	1	59	25	-----	-----	-----
----	---	----	----------	----	----	-------	-------	-------

Solution 81:

<u>45</u>	46	<u>2578</u>	<u>4578</u>	246	24	-----	-----	-----
-----------	-----------	-------------	-------------	------------	-----------	-------	-------	-------

5	46	578	578	246	24	-----	-----	-----
---	----	------------	------------	-----	----	-------	-------	-------

5	46	78	78	246	24	-----	-----	-----
---	----	-----------	-----------	-----	----	-------	-------	-------

Solution 82:

<u>1458</u>	<u>4589</u>	58	359	39	389	-----	-----	-----
-------------	-------------	-----------	------------	-----------	------------	-------	-------	-------

14	4	58	359	39	389	-----	-----	-----
-----------	----------	----	-----	----	-----	-------	-------	-------

1	4	58	359	39	389	-----	-----	-----
----------	---	----	-----	----	-----	-------	-------	-------

Solution 83:

<u>689</u>	268	2568	268	68	<u>579</u>	-----	-----	-----
------------	------------	-------------	------------	-----------	------------	-------	-------	-------

9	268	2568	268	68	79	-----	-----	-----
----------	-----	------	-----	----	-----------	-------	-------	-------

9	268	2568	268	68	7	-----	-----	-----
---	-----	------	-----	----	----------	-------	-------	-------

Solution 84:

68	568	56	<u>1468</u>	<u>459</u>	<u>59</u>	-----	-----	-----
-----------	------------	-----------	-------------	------------	-----------	-------	-------	-------

68	568	56	14	49	9	-----	-----	-----
----	-----	----	-----------	-----------	----------	-------	-------	-------

68	568	56	14	4	9	-----	-----	-----
----	-----	----	-----------	----------	---	-------	-------	-------

68	568	56	1	4	9	-----	-----	-----
----	-----	----	----------	---	---	-------	-------	-------

Solution 85:

<u>24579</u>	246	2469	<u>78</u>	29	289	46	-----	-----
--------------	------------	-------------	-----------	-----------	------------	-----------	-------	-------

57	246	2469	7	29	289	46	-----	-----
-----------	-----	------	----------	----	-----	----	-------	-------

5	246	2469	7	29	289	46	-----	-----
----------	-----	------	----------	----	-----	----	-------	-------

Solution 86:

57	46	124	246	12	24567	-----	-----	-----
----	----	-----	-----	----	-------	-------	-------	-------

57	46	124	246	12	57	-----	-----	-----
----	----	-----	-----	----	----	-------	-------	-------

Solution 87:

5689	679	469	47	479	4578	-----	-----	-----
------	-----	-----	----	-----	------	-------	-------	-------

58	679	469	47	479	58	-----	-----	-----
----	-----	-----	----	-----	----	-------	-------	-------

Solution 88:

28	2579	245	245	479	58	-----	-----	-----
----	------	-----	-----	-----	----	-------	-------	-------

28	79	245	245	79	58	-----	-----	-----
----	----	-----	-----	----	----	-------	-------	-------

Solution 89:

2579	256	46	79	245	245	-----	-----	-----
------	-----	----	----	-----	-----	-------	-------	-------

79	256	46	79	245	245	-----	-----	-----
----	-----	----	----	-----	-----	-------	-------	-------

Solution 90:

5689	69	235	23458	2458	34	25	-----	-----
------	----	-----	-------	------	----	----	-------	-------

69	69	235	23458	2458	34	25	-----	-----
----	----	-----	-------	------	----	----	-------	-------

Solution 91:

49	<u>489</u>	58	1349	19	1349	-----	-----	-----
----	------------	----	------	----	------	-------	-------	-------

49	8	<u>58</u>	1349	19	1349	-----	-----	-----
----	---	-----------	------	----	------	-------	-------	-------

49	8	5	1349	19	1349	-----	-----	-----
----	---	---	------	----	------	-------	-------	-------

Solution 92:

24568	247	28	478	24568	248	-----	-----	-----
-------	-----	----	-----	-------	-----	-------	-------	-------

56	247	28	478	56	248	-----	-----	-----
----	-----	----	-----	----	-----	-------	-------	-------

Solution 93:

138	18	<u>1457</u>	<u>145</u>	<u>14567</u>	1358	1358	-----	-----
-----	----	-------------	------------	--------------	------	------	-------	-------

138	18	<u>47</u>	4	<u>46</u>	1358	1358	-----	-----
-----	----	-----------	---	-----------	------	------	-------	-------

138	18	7	4	6	1358	1358	-----	-----
-----	----	---	---	---	------	------	-------	-------

Solution 94:

489	489	<u>149</u>	<u>24</u>	89	-----	-----	-----	-----
------------	------------	------------	-----------	-----------	-------	-------	-------	-------

489	489	1	2	89	-----	-----	-----	-----
-----	-----	----------	----------	----	-------	-------	-------	-------

Solution 95:

<u>256789</u>	68	<u>256789</u>	<u>26789</u>	26	268	-----	-----	-----
---------------	-----------	---------------	--------------	-----------	------------	-------	-------	-------

579	68	579	79	26	268	-----	-----	-----
------------	----	------------	-----------	----	-----	-------	-------	-------

Solution 96:

<u>26789</u>	79	<u>1679</u>	29	<u>12789</u>	279	-----	-----	-----
--------------	-----------	-------------	-----------	--------------	------------	-------	-------	-------

68	79	16	29	18	279	-----	-----	-----
-----------	----	-----------	----	-----------	-----	-------	-------	-------

Solution 97:

134	145	<u>128</u>	35	<u>125</u>	345	-----	-----	-----
------------	------------	------------	-----------	------------	------------	-------	-------	-------

134	145	28	35	2	345	-----	-----	-----
-----	-----	-----------	----	----------	-----	-------	-------	-------

134	145	8	35	2	345	-----	-----	-----
-----	-----	----------	----	----------	-----	-------	-------	-------

Solution 98:

<u>3456</u>	<u>12348</u>	569	568	<u>28</u>	569	56	12	-----
-------------	--------------	------------	------------	-----------	------------	-----------	----	-------

34	1234	569	568	2	569	56	<u>12</u>	-----
-----------	-------------	-----	-----	----------	-----	----	-----------	-------

34	134	569	568	2	569	56	1	-----
----	------------	-----	-----	----------	-----	----	----------	-------

34	34	569	568	2	569	56	1	-----
----	-----------	-----	------------	----------	-----	----	---	-------

34	34	569	8	2	569	56	1	-----
----	----	-----	----------	----------	-----	----	---	-------

Solution 99:

3589	568	36	29	236	39	-----	-----	-----
-------------	------------	----	----	-----	----	-------	-------	-------

58	58	36	29	236	39	-----	-----	-----
-----------	-----------	----	----	-----	----	-------	-------	-------

Solution 100:

12 3 69	1249	149	1 3 69	19	189	148	-----	-----
----------------	------	-----	---------------	----	-----	-----	-------	-------

3 6	1 <u>2</u> 49	149	3 6	19	189	148	-----	-----
------------	---------------	-----	------------	----	-----	-----	-------	-------

36	14 9	14 9	36	1 9	189	148	-----	-----
----	-------------	-------------	----	------------	-----	-----	-------	-------

36	14 9	14 9	36	1 9	189	148	-----	-----
----	-------------	-------------	----	------------	-----	-----	-------	-------

Solution 101:

3 4 5 6	14	15	159	3 6	149	-----	-----	-----
-----------------------	----	----	-----	------------	-----	-------	-------	-------

3 6	14	15	159	36	149	-----	-----	-----
------------	----	----	-----	----	-----	-------	-------	-------

Solution 102:

<u>2</u> 349	1 39	<u>2</u> 3 <u>8</u> 9	1 39	4 9	3 49	-----	-----	-----
--------------	-------------	-----------------------	-------------	------------	-------------	-------	-------	-------

2	139	<u>2</u> 8	139	49	349	-----	-----	-----
----------	-----	-------------------	-----	----	-----	-------	-------	-------

2	139	8	139	49	349	-----	-----	-----
---	-----	----------	-----	----	-----	-------	-------	-------

Solution 103:

6 89	<u>5</u> 7 <u>9</u>	<u>2</u> 5 <u>6</u> 8	2 68	2 69	2 689	-----	-----	-----
-------------	---------------------	-----------------------	-------------	-------------	--------------	-------	-------	-------

689	<u>5</u> 7	5	268	269	2689	-----	-----	-----
-----	-------------------	----------	-----	-----	------	-------	-------	-------

689	7	5	268	269	2689	-----	-----	-----
-----	----------	----------	-----	-----	------	-------	-------	-------

Solution 104:

3 48	4 58	3 4 5 8	<u>1</u> 34	<u>1</u> 2 <u>4</u> 58	3 45	-----	-----	-----
-------------	-------------	-----------------------	-------------	------------------------	-------------	-------	-------	-------

348	458	3458	1	<u>1</u> 2	345	-----	-----	-----
-----	-----	------	----------	-------------------	-----	-------	-------	-------

348	458	3458	1	2	345	-----	-----	-----
-----	-----	------	---	----------	-----	-------	-------	-------

Solution 105:

1 267	1 267	56	67	569	679	-----	-----	-----
--------------	--------------	----	----	-----	-----	-------	-------	-------

1 2	1 2	56	67	569	679	-----	-----	-----
------------	------------	----	----	-----	-----	-------	-------	-------

Solution 106:

<u>3</u> 5678	<u>3</u> 5678	<u>3</u> 458	35	345	34	-----	-----	-----
---------------	---------------	--------------	-----------	------------	-----------	-------	-------	-------

6 <u>7</u> 8	6 <u>7</u> 8	8	35	345	34	-----	-----	-----
---------------------	---------------------	----------	----	-----	----	-------	-------	-------

67	67	8	35	345	34	-----	-----	-----
-----------	-----------	---	----	-----	----	-------	-------	-------

Solution 107:

47	457	128	89	1248	789	4589	-----	-----
----	-----	------------	----	-------------	-----	------	-------	-------

47	457	12	89	12	789	4589	-----	-----
----	-----	-----------	----	-----------	-----	------	-------	-------

Solution 108:

467 <u>8</u>	467 <u>8</u>	38	89	39	567 <u>8</u>	456	-----	-----
--------------	--------------	-----------	-----------	-----------	--------------	-----	-------	-------

467	467	38	89	39	567	456	-----	-----
------------	------------	----	----	----	------------	-----	-------	-------

Solution 109:

267	2567	<u>2</u> 3 <u>6</u> 8	<u>2</u> 5 <u>6</u> 8	67	567	-----	-----	-----
------------	-------------	-----------------------	-----------------------	-----------	------------	-------	-------	-------

267	2567	3 <u>8</u>	8	67	567	-----	-----	-----
-----	------	-------------------	----------	----	-----	-------	-------	-------

267	2567	3	8	67	567	-----	-----	-----
-----	------	----------	---	----	-----	-------	-------	-------

Solution 110:

267	456	2459	267	2679	269	-----	-----	-----
-----	------------	-------------	-----	------	-----	-------	-------	-------

267	45	45	267	2679	269	-----	-----	-----
-----	-----------	-----------	-----	------	-----	-------	-------	-------

Solution 111:

29	<u>4</u> 5 <u>9</u>	249	49	<u>3</u> 4 <u>7</u> 9	<u>2</u> 3 <u>4</u> 7 <u>9</u>	-----	-----	-----
-----------	---------------------	------------	-----------	-----------------------	--------------------------------	-------	-------	-------

29	5	249	49	37	37	-----	-----	-----
----	----------	-----	----	-----------	-----------	-------	-------	-------

Solution 112:

35678	235678	23568	1467	14567	567	568	568	-----
-------	--------	-------	-------------	--------------	-----	-----	-----	-------

35678	235678	23568	14	14	567	568	568	-----
-------	--------	-------	-----------	-----------	-----	-----	-----	-------

Solution 113:

358	2345	34	458	358	-----	-----	-----	-----
-----	------	----	-----	-----	-------	-------	-------	-------

358	2	34	458	358	-----	-----	-----	-----
-----	----------	----	-----	-----	-------	-------	-------	-------

Solution 114:

<u>35678</u>	<u>34567</u>	<u>3568</u>	58	358	358	-----	-----	-----
--------------	--------------	-------------	-----------	------------	------------	-------	-------	-------

67	46	6	58	358	358	-----	-----	-----
-----------	-----------	----------	----	-----	-----	-------	-------	-------

7	4	6	58	358	358	-----	-----	-----
----------	----------	----------	----	-----	-----	-------	-------	-------

Solution 115:

157	578	1578	<u>1347</u>	<u>1478</u>	58	-----	-----	-----
------------	------------	-------------	-------------	-------------	-----------	-------	-------	-------

157	578	1578	34	4	58	-----	-----	-----
-----	-----	------	-----------	----------	----	-------	-------	-------

157	578	1578	3	4	58	-----	-----	-----
-----	-----	------	----------	----------	----	-------	-------	-------

Solution 116:

147	<u>3467</u>	17	<u>1247</u>	47	356	<u>1245</u>	-----	-----
------------	-------------	-----------	-------------	-----------	-----	-------------	-------	-------

147	36	17	2	47	356	25	-----	-----
-----	-----------	----	----------	----	-----	-----------	-------	-------

147	36	17	2	47	36	5	-----	-----
-----	----	----	---	----	----	----------	-------	-------

Solution 117:

1568	58	18	35678	58	3567	-----	-----	-----
------	----	----	--------------	----	-------------	-------	-------	-------

1568	58	18	37	58	37	-----	-----	-----
------	----	----	-----------	----	-----------	-------	-------	-------

6	58	18	37	58	37	-----	-----	-----
----------	----	----	----	----	----	-------	-------	-------

Solution 117 alternate:

<u>1568</u>	58	<u>18</u>	<u>35678</u>	58	<u>3567</u>	-----	-----	-----
-------------	-----------	-----------	--------------	-----------	-------------	-------	-------	-------

16	58	1	367	58	367	-----	-----	-----
-----------	----	----------	------------	----	------------	-------	-------	-------

6	58	1	<u>367</u>	58	<u>367</u>	-----	-----	-----
----------	----	---	------------	----	------------	-------	-------	-------

6	58	1	37	58	37	-----	-----	-----
----------	----	---	----	----	----	-------	-------	-------

Solution 118:

46	<u>2379</u>	<u>2469</u>	469	49	37	-----	-----	-----
-----------	-------------	-------------	------------	-----------	----	-------	-------	-------

46	237	2	469	49	37	-----	-----	-----
----	------------	----------	-----	----	----	-------	-------	-------

46	37	2	469	49	37	-----	-----	-----
----	-----------	---	-----	----	----	-------	-------	-------

Solution 119:

1679	679	179	167	12789	278	-----	-----	-----
------	-----	-----	-----	-------	-----	-------	-------	-------

1679	679	179	167	28	28	-----	-----	-----
------	-----	-----	-----	----	----	-------	-------	-------

Solution 120:

49	468	245689	24589	69	89	-----	-----	-----
----	-----	--------	-------	----	----	-------	-------	-------

49	468	25	25	69	89	-----	-----	-----
----	-----	----	----	----	----	-------	-------	-------

Solution 121:

579	123 <u>79</u>	123 <u>79</u>	578	78	579	123 <u>79</u>	-----	-----
-----	---------------	---------------	-----	----	-----	---------------	-------	-------

579	123	123	578	78	579	123	-----	-----
-----	-----	-----	-----	----	-----	-----	-------	-------

Solution 122:

45 <u>6</u>	1579	179	159	569	34	59	-----	-----
-------------	------	-----	-----	-----	----	----	-------	-------

4	1579	179	159	569	3 <u>4</u>	59	-----	-----
---	------	-----	-----	-----	------------	----	-------	-------

4	1579	179	159	569	3	59	-----	-----
---	------	-----	-----	-----	---	----	-------	-------

Solution 123:

79	<u>789</u>	<u>179</u>	<u>1467</u>	679	69	-----	-----	-----
----	------------	------------	-------------	-----	----	-------	-------	-------

79	8	1	<u>14</u>	679	69	-----	-----	-----
----	---	---	-----------	-----	----	-------	-------	-------

79	8	1	4	679	69	-----	-----	-----
----	---	---	---	-----	----	-------	-------	-------

Solution 124:

68	34	47	<u>18</u>	147	134	-----	-----	-----
----	----	----	-----------	-----	-----	-------	-------	-------

6 <u>8</u>	34	47	8	147	134	-----	-----	-----
------------	----	----	---	-----	-----	-------	-------	-------

6	34	47	8	147	134	-----	-----	-----
---	----	----	---	-----	-----	-------	-------	-------

Solution 125:

14	12	234	<u>123457</u>	134	<u>123457</u>	-----	-----	-----
----	----	-----	---------------	-----	---------------	-------	-------	-------

14	12	234	57	134	57	-----	-----	-----
----	----	-----	----	-----	----	-------	-------	-------

Solution 126:

<u>1246</u>	46	146	46	<u>4569</u>	<u>13</u>	359	-----	-----
-------------	-----------	------------	-----------	-------------	-----------	-----	-------	-------

2	46	146	46	59	3	<u>359</u>	-----	-----
----------	----	-----	----	-----------	----------	------------	-------	-------

2	46	146	46	59	3	59	-----	-----
---	----	-----	----	----	---	-----------	-------	-------

Solution 127:

15	<u>1256</u>	<u>14569</u>	<u>12469</u>	45	15	-----	-----	-----
-----------	-------------	--------------	--------------	-----------	-----------	-------	-------	-------

15	26	69	269	<u>45</u>	15	-----	-----	-----
-----------	-----------	-----------	------------	-----------	-----------	-------	-------	-------

15	26	69	269	4	15	-----	-----	-----
----	----	----	-----	----------	----	-------	-------	-------

Solution 128:

<u>5678</u>	<u>678</u>	146	1469	1469	147	14	-----	-----
-------------	------------	------------	-------------	-------------	------------	-----------	-------	-------

58	8	146	1469	1469	147	14	-----	-----
-----------	----------	-----	------	------	-----	----	-------	-------

5	8	146	1469	1469	147	14	-----	-----
---	---	-----	------	------	-----	----	-------	-------

Solution 129:

<u>278</u>	129	<u>237</u>	12	<u>2378</u>	129	-----	-----	-----
------------	------------	------------	-----------	-------------	------------	-------	-------	-------

78	129	37	12	378	129	-----	-----	-----
-----------	-----	-----------	----	------------	-----	-------	-------	-------

Solution 130:

<u>235789</u>	<u>23578</u>	49	3459	359	<u>34579</u>	359	-----	-----
---------------	--------------	-----------	-------------	------------	--------------	------------	-------	-------

278	278	49	3459	359	7	359	-----	-----
------------	------------	----	------	-----	----------	-----	-------	-------

28	28	49	3459	359	7	359	-----	-----
-----------	-----------	----	------	-----	----------	-----	-------	-------

Solution 131:

<u>1689</u>	<u>169</u>	38	378	68	3678	-----	-----	-----
-------------	------------	-----------	------------	-----------	-------------	-------	-------	-------

19	19	38	378	68	3678	-----	-----	-----
-----------	-----------	----	-----	----	------	-------	-------	-------

Solution 132:

45	<u>14789</u>	<u>14579</u>	4589	458	49	-----	-----	-----
-----------	--------------	--------------	-------------	------------	-----------	-------	-------	-------

45	17	17	4589	458	49	-----	-----	-----
----	-----------	-----------	------	-----	----	-------	-------	-------

Solution 133:

<u>3</u> 679	5 67	<u>3</u> 56	4 6	2 46	57	2 5	-----	-----
--------------	-------------	-------------	------------	-------------	----	------------	-------	-------

3 9	567	3	46	246	57	25	-----	-----
------------	-----	----------	----	-----	----	----	-------	-------

9	567	3	46	246	57	25	-----	-----
----------	-----	---	----	-----	----	----	-------	-------

Solution 134:

3 8	2579	2 35 7 89	2579	257	2579	-----	-----	-----
------------	------	-------------------------	------	-----	------	-------	-------	-------

38	2579	3 8	2579	257	2579	-----	-----	-----
----	------	------------	------	-----	------	-------	-------	-------

Solution 135:

34	1 34 7 8	1 3 7 8	14	134	-----	-----	-----	-----
----	------------------------	-----------------------	----	-----	-------	-------	-------	-------

34	7 8	7 8	14	134	-----	-----	-----	-----
----	------------	------------	----	-----	-------	-------	-------	-------

Solution 136:

1 34 6	3 46	1 34	28	<u>2</u> 3 <u>4</u> 5	<u>4</u> 58	1 46	-----	-----
----------------------	-------------	-------------	----	-----------------------	-------------	-------------	-------	-------

1346	346	134	2 8	2 5	5 8	146	-----	-----
------	-----	-----	------------	------------	------------	-----	-------	-------

Solution 137:

4 9	<u>1</u> 2 <u>8</u> 9	1 4	4 79	<u>2</u> 4 <u>8</u>	4 7	-----	-----	-----
------------	-----------------------	------------	-------------	---------------------	------------	-------	-------	-------

49	2 8	1 4	479	2 8	47	-----	-----	-----
----	------------	------------	-----	------------	----	-------	-------	-------

49	28	1	479	28	47	-----	-----	-----
----	----	----------	-----	----	----	-------	-------	-------

Solution 138:

2 4	<u>1</u> 6	<u>2</u> 78	<u>1</u> 4 <u>7</u> 8	2 6	2 36	2 346	-----	-----
------------	------------	-------------	-----------------------	------------	-------------	--------------	-------	-------

24	1	7 8	1 78	26	236	2346	-----	-----
----	----------	------------	-------------	----	-----	------	-------	-------

24	1	78	7 8	26	236	2346	-----	-----
----	---	----	------------	----	-----	------	-------	-------

Solution 139:

<u>5</u> 89	<u>5</u> 789	2 46	<u>6</u> 7	2 45 6	2 45 6	5 6	-----	-----
-------------	--------------	-------------	------------	----------------------	----------------------	------------	-------	-------

8 9	7 89	246	7	2456	2456	56	-----	-----
------------	-------------	-----	----------	------	------	----	-------	-------

89	8 9	246	7	2456	2456	56	-----	-----
----	------------	-----	----------	------	------	----	-------	-------

Solution 140:

129	129	<u>124</u> 5	124	<u>23</u> 45	124	-----	-----	-----
------------	------------	--------------	------------	--------------	------------	-------	-------	-------

129	129	5	124	35	124	-----	-----	-----
-----	-----	----------	-----	-----------	-----	-------	-------	-------

129	129	5	124	3	124	-----	-----	-----
-----	-----	---	-----	----------	-----	-------	-------	-------

Solution 141:

15	<u>13</u> 45	34 <u>56</u>	1256	125	<u>56</u> 79	<u>26</u> 79	256	-----
-----------	--------------	--------------	-------------	------------	--------------	--------------	------------	-------

15	34	34	1256	125	79	79	256	-----
----	-----------	-----------	------	-----	-----------	-----------	-----	-------

Solution 142:

5678	567	3568	3468	234568	3567	568	-----	-----
------	-----	------	------	--------	------	-----	-------	-------

5678	567	3568	3468	2	3567	568	-----	-----
------	-----	------	-------------	----------	------	-----	-------	-------

5678	567	3568	4	2	3567	568	-----	-----
------	-----	------	----------	---	------	-----	-------	-------

Solution 143:

36	168	568	3689	689	368	-----	-----	-----
----	------------	-----	------	-----	-----	-------	-------	-------

36	1	5	3689	689	368	-----	-----	-----
----	----------	---	------	-----	-----	-------	-------	-------

Solution 144:

56789	67	589	78	68	-----	-----	-----	-----
--------------	----	------------	----	----	-------	-------	-------	-------

59	67	59	78	68	-----	-----	-----	-----
-----------	----	-----------	----	----	-------	-------	-------	-------

Solution 145:

16	<u>2</u> 3	24	167	<u>13</u> 4	24	-----	-----	-----
----	------------	-----------	-----	-------------	-----------	-------	-------	-------

16	3	24	167	13	24	-----	-----	-----
----	----------	----	-----	-----------	----	-------	-------	-------

<u>16</u>	3	24	<u>16</u> 7	1	24	-----	-----	-----
-----------	---	----	-------------	----------	----	-------	-------	-------

6	3	24	67	1	24	-----	-----	-----
----------	---	----	-----------	---	----	-------	-------	-------

6	3	24	7	1	24	-----	-----	-----
---	---	----	---	---	----	-------	-------	-------

Solution 146:

1378	16	1368	267	126	17	-----	-----	-----
-------------	----	-------------	-----	-----	----	-------	-------	-------

38	16	38	267	126	17	-----	-----	-----
-----------	----	-----------	-----	-----	----	-------	-------	-------

Solution 147:

138	<u>15678</u>	138	<u>1378</u>	38	<u>23789</u>	<u>23689</u>	<u>23579</u>	-----
------------	--------------	------------	-------------	-----------	--------------	--------------	--------------	-------

138	567	138	7	38	279	269	2579	-----
-----	------------	-----	----------	----	------------	------------	-------------	-------

138	56	138	7	38	29	269	259	-----
-----	-----------	-----	----------	----	-----------	-----	------------	-------

Solution 148:

<u>3478</u>	<u>1378</u>	<u>134789</u>	79	89	78	-----	-----	-----
-------------	-------------	---------------	-----------	-----------	-----------	-------	-------	-------

34	13	134	79	89	78	-----	-----	-----
-----------	-----------	------------	----	----	----	-------	-------	-------

Solution 149:

14	145	<u>357</u>	<u>34567</u>	<u>4567</u>	124	12	-----	-----
-----------	------------	------------	--------------	-------------	------------	-----------	-------	-------

14	145	37	367	67	124	12	-----	-----
----	-----	-----------	------------	-----------	-----	----	-------	-------

14	5	37	367	67	124	12	-----	-----
----	----------	-----------	------------	-----------	-----	----	-------	-------

Solution 150:

<u>134</u>	269	39	26	<u>1246</u>	23	-----	-----	-----
------------	------------	-----------	-----------	-------------	-----------	-------	-------	-------

14	269	39	26	14	23	-----	-----	-----
-----------	-----	----	----	-----------	----	-------	-------	-------

Solution 151:

49	46	14	39	16	-----	-----	-----	-----
----	-----------	-----------	----	-----------	-------	-------	-------	-------

9	46	14	39	16	-----	-----	-----	-----
----------	----	----	-----------	----	-------	-------	-------	-------

9	46	14	3	16	-----	-----	-----	-----
---	----	----	----------	----	-------	-------	-------	-------

Solution 152:

<u>13468</u>	38	146	<u>45</u>	258	23	358	-----	-----
--------------	-----------	-----	-----------	------------	-----------	------------	-------	-------

146	38	<u>146</u>	4	258	23	358	-----	-----
------------	----	------------	----------	-----	----	-----	-------	-------

16	38	16	4	258	23	358	-----	-----
-----------	----	-----------	---	-----	----	-----	-------	-------

Solution 153:

346	46	<u>2469</u>	<u>2469</u>	36	-----	-----	-----	-----
------------	-----------	-------------	-------------	-----------	-------	-------	-------	-------

346	46	29	29	36	-----	-----	-----	-----
-----	----	-----------	-----------	----	-------	-------	-------	-------

Solution 154:

<u>25789</u>	<u>25789</u>	289	28	248	249	-----	-----	-----
--------------	--------------	------------	-----------	------------	------------	-------	-------	-------

57	57	289	28	248	249	-----	-----	-----
-----------	-----------	-----	----	-----	-----	-------	-------	-------

Solution 155:

59	<u>458</u>	<u>34589</u>	1589	158	89	-----	-----	-----
-----------	------------	--------------	-------------	------------	-----------	-------	-------	-------

59	4	34	1589	158	89	-----	-----	-----
----	----------	-----------	------	-----	----	-------	-------	-------

59	4	3	1589	158	89	-----	-----	-----
----	---	----------	------	-----	----	-------	-------	-------

Solution 156:

12	156	256	156	1468	1248	-----	-----	-----
----	-----	-----	-----	-------------	-------------	-------	-------	-------

12	156	256	156	48	48	-----	-----	-----
----	-----	-----	-----	-----------	-----------	-------	-------	-------

Solution 157:

2456	23	234	34	1234	156	-----	-----	-----
-------------	----	-----	----	------	------------	-------	-------	-------

56	23	234	34	1234	56	-----	-----	-----
-----------	----	-----	----	------	-----------	-------	-------	-------

56	23	234	34	1	56	-----	-----	-----
----	----	-----	----	----------	----	-------	-------	-------

Solution 158:

5689	5689	68	368	268	236	-----	-----	-----
-------------	-------------	----	-----	-----	-----	-------	-------	-------

59	59	68	368	268	236	-----	-----	-----
-----------	-----------	----	-----	-----	-----	-------	-------	-------

Solution 159:

79	789	<u>248</u>	78	<u>3479</u>	<u>12478</u>	<u>1389</u>	-----	-----
-----------	------------	------------	-----------	-------------	--------------	-------------	-------	-------

79	789	24	78	34	124	13	-----	-----
----	-----	-----------	----	-----------	------------	-----------	-------	-------

Solution 160:

268	28	26	<u>12568</u>	<u>1256</u>	-----	-----	-----	-----
------------	-----------	-----------	--------------	-------------	-------	-------	-------	-------

268	28	26	15	15	-----	-----	-----	-----
-----	----	----	-----------	-----------	-------	-------	-------	-------

Solution 161:

169	<u>359</u>	16	69	<u>356</u>	-----	-----	-----	-----
------------	------------	-----------	-----------	------------	-------	-------	-------	-------

169	35	16	69	35	-----	-----	-----	-----
-----	-----------	----	----	-----------	-------	-------	-------	-------

Solution 162:

<u>45</u> 79	47	78	<u>45</u> 89	48	-----	-----	-----	-----
--------------	-----------	-----------	--------------	-----------	-------	-------	-------	-------

59	47	78	59	48	-----	-----	-----	-----
-----------	----	----	-----------	----	-------	-------	-------	-------

Solution 163:

<u>46</u> 7	14	45	15	69	<u>16</u> 9	-----	-----	-----
-------------	-----------	-----------	-----------	----	-------------	-------	-------	-------

67	14	45	15	69	69	-----	-----	-----
-----------	----	----	----	-----------	-----------	-------	-------	-------

7	14	45	15	69	69	-----	-----	-----
----------	----	----	----	----	----	-------	-------	-------

Solution 164:

<u>39</u>	<u>379</u>	19	27	89	18	-----	-----	-----
-----------	------------	-----------	----	-----------	-----------	-------	-------	-------

3	37	19	27	89	18	-----	-----	-----
----------	-----------	----	----	----	----	-------	-------	-------

3	7	19	<u>27</u>	89	18	-----	-----	-----
---	----------	----	-----------	----	----	-------	-------	-------

3	7	19	2	89	18	-----	-----	-----
---	---	----	----------	----	----	-------	-------	-------

Solution 165:

<u>36</u> 7	<u>36</u>	137	49	1369	19	-----	-----	-----
-------------	-----------	-----	-----------	------	----	-------	-------	-------

367	36	137	4	1369	19	-----	-----	-----
-----	----	-----	----------	------	----	-------	-------	-------

Solution 166:

<u>679</u>	<u>279</u>	179	28	268	28	-----	-----	-----
------------	------------	-----	-----------	------------	-----------	-------	-------	-------

79	79	179	28	268	28	-----	-----	-----
-----------	-----------	-----	----	-----	----	-------	-------	-------

79	79	1	28	268	28	-----	-----	-----
----	----	----------	----	-----	----	-------	-------	-------

Solution 167:

56	<u>12569</u>	235	56	2356	<u>129</u>	-----	-----	-----
-----------	--------------	------------	-----------	-------------	------------	-------	-------	-------

56	19	<u>235</u>	56	<u>2356</u>	19	-----	-----	-----
-----------	-----------	------------	-----------	-------------	-----------	-------	-------	-------

56	19	23	56	23	19	-----	-----	-----
----	----	-----------	----	-----------	----	-------	-------	-------

Alternate Solution 167:

56	<u>125</u> <u>69</u>	<u>235</u>	56	<u>235</u> <u>6</u>	<u>129</u>	-----	-----	-----
-----------	----------------------	------------	-----------	---------------------	------------	-------	-------	-------

56	<u>129</u>	23	56	23	<u>129</u>	-----	-----	-----
----	-------------------	-----------	----	-----------	------------	-------	-------	-------

56	19	23	56	23	19	-----	-----	-----
----	-----------	----	----	----	-----------	-------	-------	-------

Solution 168:

<u>1459</u>	<u>1459</u>	125	25	125	-----	-----	-----	-----
-------------	-------------	------------	-----------	------------	-------	-------	-------	-------

49	49	125	25	125	-----	-----	-----	-----
-----------	-----------	-----	----	-----	-------	-------	-------	-------

Solution 169:

<u>14</u>	16	167	<u>1345</u>	<u>13457</u>	17	-----	-----	-----
-----------	-----------	------------	-------------	--------------	-----------	-------	-------	-------

4	16	167	<u>345</u>	<u>345</u>	17	-----	-----	-----
----------	----	-----	-------------------	-------------------	----	-------	-------	-------

4	16	167	35	35	17	-----	-----	-----
---	----	-----	-----------	-----------	----	-------	-------	-------

Solution 170:

145	15	145	<u>167</u>	<u>2467</u>	<u>1267</u>	-----	-----	-----
------------	-----------	------------	------------	-------------	-------------	-------	-------	-------

145	15	145	67	267	267	-----	-----	-----
-----	----	-----	-----------	------------	------------	-------	-------	-------

Solution 171:

<u>19</u>	<u>169</u>	89	389	38	-----	-----	-----	-----
-----------	------------	-----------	------------	-----------	-------	-------	-------	-------

1	<u>16</u>	89	389	38	-----	-----	-----	-----
----------	------------------	----	-----	----	-------	-------	-------	-------

1	6	89	389	38	-----	-----	-----	-----
---	----------	----	-----	----	-------	-------	-------	-------

Solution 172:

<u>168</u>	349	<u>34568</u>	1349	149	<u>1356</u>	19	-----	-----
------------	------------	--------------	-------------	------------	-------------	-----------	-------	-------

68	349	568	1349	149	56	19	-----	-----
-----------	-----	------------	------	-----	-----------	----	-------	-------

Solution 173:

78	89	14	79	<u>1789</u>	-----	-----	-----	-----
-----------	-----------	----	-----------	-------------	-------	-------	-------	-------

78	89	<u>14</u>	79	1	-----	-----	-----	-----
----	----	-----------	----	----------	-------	-------	-------	-------

78	89	4	79	1	-----	-----	-----	-----
----	----	----------	----	---	-------	-------	-------	-------

Solution 174:

<u>7</u> 8	89	<u>3</u> 47	38	39	-----	-----	-----	-----
------------	-----------	-------------	-----------	-----------	-------	-------	-------	-------

7	89	<u>4</u>7	38	39	-----	-----	-----	-----
----------	----	------------------	----	----	-------	-------	-------	-------

7	89	4	38	39	-----	-----	-----	-----
---	----	----------	----	----	-------	-------	-------	-------

Solution 175:

679	679	<u>12</u> 7	67	<u>12</u> 67	-----	-----	-----	-----
------------	------------	-------------	-----------	--------------	-------	-------	-------	-------

679	679	12	67	12	-----	-----	-----	-----
-----	-----	-----------	----	-----------	-------	-------	-------	-------

Solution 176:

<u>1</u> 57	<u>1</u> 5 <u>6</u>	68	168	12	26	-----	-----	-----
-------------	---------------------	-----------	------------	-----------	-----------	-------	-------	-------

<u>5</u>7	5	68	168	12	26	-----	-----	-----
------------------	----------	----	-----	----	----	-------	-------	-------

5	5	68	168	12	26	-----	-----	-----
----------	---	----	-----	----	----	-------	-------	-------

Solution 177:

<u>1</u> 235	<u>1</u> 234 <u>5</u> 7	127	127	17	49	459	-----	-----
--------------	-------------------------	------------	------------	-----------	----	-----	-------	-------

35	345	127	127	17	49	459	-----	-----
-----------	------------	-----	-----	----	----	-----	-------	-------

Solution 178:

<u>1</u> 2 <u>5</u> 6	<u>1</u> 267	1458	1458	48	<u>14</u> 567	145	-----	-----
-----------------------	--------------	-------------	-------------	-----------	---------------	------------	-------	-------

26	267	1458	1458	48	67	145	-----	-----
-----------	------------	------	------	----	-----------	-----	-------	-------

Solution 179:

79	<u>4</u> 6 <u>7</u>	37	<u>3</u> 6 <u>7</u>	39	-----	-----	-----	-----
-----------	---------------------	-----------	---------------------	-----------	-------	-------	-------	-------

79	<u>4</u>6	37	6	39	-----	-----	-----	-----
----	------------------	----	----------	----	-------	-------	-------	-------

79	4	37	6	39	-----	-----	-----	-----
----	----------	----	---	----	-------	-------	-------	-------

Solution 180:

129	<u>2</u> 68	<u>1</u> 78 <u>9</u>	<u>1</u> 23468	12	<u>2</u> 3478	<u>1</u> 248 <u>9</u>	129	-----
------------	-------------	----------------------	----------------	-----------	---------------	-----------------------	------------	-------

129	68	78	3468	12	3478	48	129	-----
-----	-----------	-----------	-------------	----	-------------	-----------	-----	-------

Solution 181:

12	13	14	134	<u>12</u> 79	<u>1</u> 79	-----	-----	-----
-----------	-----------	-----------	------------	--------------	-------------	-------	-------	-------

12	13	14	134	79	79	-----	-----	-----
----	----	----	-----	-----------	-----------	-------	-------	-------

Solution 182:

23	349	349	37	237	-----	-----	-----	-----
----	------------	------------	----	-----	-------	-------	-------	-------

23	49	49	37	237	-----	-----	-----	-----
----	-----------	-----------	----	-----	-------	-------	-------	-------

Solution 183:

58	589	89	<u>37</u> 89	<u>35</u> 78	-----	-----	-----	-----
-----------	------------	-----------	--------------	--------------	-------	-------	-------	-------

58	589	89	37	37	-----	-----	-----	-----
----	-----	----	-----------	-----------	-------	-------	-------	-------

Solution 184:

45	268	46	145	128	14	-----	-----	-----
----	------------	----	-----	------------	----	-------	-------	-------

45	28	46	145	28	14	-----	-----	-----
----	-----------	-----------	-----	-----------	----	-------	-------	-------

45	28	6	145	28	14	-----	-----	-----
----	----	----------	-----	----	----	-------	-------	-------

Solution 185:

3789	178	27	127	139	178	-----	-----	-----
-------------	-----	----	-----	------------	-----	-------	-------	-------

39	178	27	127	39	178	-----	-----	-----
-----------	-----	----	-----	-----------	-----	-------	-------	-------

Solution 186:

<u>246</u>	<u>246</u>	167	178	1678	<u>125</u> 6	78	-----	-----
------------	------------	------------	------------	-------------	--------------	-----------	-------	-------

24	24	167	178	1678	25	78	-----	-----
-----------	-----------	-----	-----	------	-----------	----	-------	-------

24	24	167	178	1678	5	78	-----	-----
----	----	-----	-----	------	----------	----	-------	-------

Solution 187:

13	139	<u>2</u> 9	139	<u>23</u> 5	-----	-----	-----	-----
-----------	------------	------------	------------	-------------	-------	-------	-------	-------

13	139	2	139	<u>25</u>	-----	-----	-----	-----
----	-----	----------	-----	-----------	-------	-------	-------	-------

13	139	2	139	5	-----	-----	-----	-----
----	-----	---	-----	----------	-------	-------	-------	-------

Solution 188:

69	39	<u>34</u> <u>6</u> 78	<u>34</u> <u>6</u>	36	<u>4</u> <u>6</u> 78	-----	-----	-----
-----------	-----------	-----------------------	--------------------	-----------	----------------------	-------	-------	-------

69	39	<u>4</u>78	4	36	<u>4</u>78	-----	-----	-----
----	----	-------------------	----------	----	-------------------	-------	-------	-------

69	39	78	4	36	78	-----	-----	-----
----	----	-----------	---	----	-----------	-------	-------	-------

Solution 189:

146	78	156 78	569	16	69	1456	-----	-----
-----	-----------	---------------	-----	----	----	------	-------	-------

146	78	78	569	16	69	1456	-----	-----
-----	----	-----------	-----	----	----	------	-------	-------

Solution 190:

2468	46	246	28	<u>34</u> <u>5</u> <u>8</u>	<u>23</u> <u>5</u> <u>8</u>	-----	-----	-----
-------------	-----------	------------	-----------	-----------------------------	-----------------------------	-------	-------	-------

2468	46	246	28	35	35	-----	-----	-----
------	----	-----	----	-----------	-----------	-------	-------	-------

Solution 191:

<u>15</u> 8	<u>13</u> <u>5</u>	357	128	37	35	-----	-----	-----
-------------	--------------------	------------	-----	-----------	-----------	-------	-------	-------

<u>1</u>8	1	357	<u>12</u> 8	37	35	-----	-----	-----
------------------	----------	-----	-------------	----	----	-------	-------	-------

8	1	357	<u>2</u>8	37	35	-----	-----	-----
----------	---	-----	------------------	----	----	-------	-------	-------

8	1	357	2	37	35	-----	-----	-----
---	---	-----	----------	----	----	-------	-------	-------

Solution 192:

138	<u>12</u> 3	279	279	<u>17</u> 8	79	-----	-----	-----
-----	-------------	------------	------------	-------------	-----------	-------	-------	-------

138	13	279	279	18	79	-----	-----	-----
-----	-----------	-----	-----	-----------	----	-------	-------	-------

Solution 193:

<u>12</u> <u>4</u> <u>5</u> <u>6</u> 8	<u>14</u> <u>5</u> <u>8</u>	26	<u>14</u> <u>5</u> <u>6</u> 7	28	267	2678	-----	-----
--	-----------------------------	-----------	-------------------------------	-----------	------------	-------------	-------	-------

145	145	26	145	28	267	2678	-----	-----
------------	------------	----	------------	----	-----	------	-------	-------

Solution 194:

1236	<u>24</u> <u>5</u> <u>6</u> 8	<u>14</u> 5	13	<u>14</u> 5	236	26	-----	-----
-------------	-------------------------------	-------------	-----------	-------------	------------	-----------	-------	-------

1236	458	45	13	45	236	26	-----	-----
------	------------	-----------	----	-----------	-----	----	-------	-------

1236	8	45	13	45	236	26	-----	-----
------	----------	----	----	----	-----	----	-------	-------

Solution 195:

<u>23</u> 6	<u>23</u> 456	<u>23</u> 56	19	139	39	<u>3</u> 46	-----	-----
-------------	---------------	--------------	-----------	------------	-----------	-------------	-------	-------

26	2456	256	19	139	39	46	-----	-----
-----------	-------------	------------	----	-----	----	-----------	-------	-------

Solution 196:

356	346	346	<u>235</u> 68	<u>235</u> 8	35	-----	-----	-----
------------	------------	------------	---------------	--------------	-----------	-------	-------	-------

356	346	346	28	28	35	-----	-----	-----
-----	-----	-----	-----------	-----------	----	-------	-------	-------

Solution 197:

268	26	<u>3</u> 6	28	<u>235</u> 6	-----	-----	-----	-----
------------	-----------	------------	-----------	--------------	-------	-------	-------	-------

268	26	3	28	<u>35</u>	-----	-----	-----	-----
-----	----	----------	----	------------------	-------	-------	-------	-------

268	26	3	28	5	-----	-----	-----	-----
-----	----	---	----	----------	-------	-------	-------	-------

Solution 198:

2578	257	2578	<u>6</u> 8	28	136 <u>8</u> 9	<u>12</u> 69	<u>23</u> 89	-----
-------------	------------	-------------	------------	-----------	----------------	--------------	--------------	-------

2578	257	2578	6	28	13 <u>6</u> 9	<u>16</u> 9	39	-----
------	-----	------	----------	----	---------------	-------------	----	-------

2578	257	2578	6	28	139	19	39	-----
------	-----	------	---	----	------------	-----------	----	-------

Solution 199:

34	<u>4</u> 9	<u>13</u> 69	24	1679	234	<u>24</u> 79	-----	-----
-----------	------------	--------------	-----------	------	------------	--------------	-------	-------

34	9	<u>169</u>	24	167 <u>9</u>	234	<u>79</u>	-----	-----
----	----------	-------------------	----	--------------	-----	------------------	-------	-------

34	9	16	24	<u>167</u>	234	7	-----	-----
----	---	-----------	----	-------------------	-----	----------	-------	-------

34	9	16	24	16	234	7	-----	-----
----	---	----	----	-----------	-----	---	-------	-------

Solution 200:

<u>35</u> 8	18	48	14	35	-----	-----	-----	-----
-------------	-----------	-----------	-----------	----	-------	-------	-------	-------

35	18	48	14	35	-----	-----	-----	-----
-----------	----	----	----	----	-------	-------	-------	-------

Solution 201:

16	<u>23</u> 48	1268	1268	1268	<u>12</u> 34	-----	-----	-----
-----------	--------------	-------------	-------------	-------------	--------------	-------	-------	-------

16	34	1268	1268	1268	34	-----	-----	-----
----	-----------	------	------	------	-----------	-------	-------	-------

Solution 202:

56	36	35	<u>57</u>	<u>257</u>	-----	-----	-----	-----
-----------	-----------	-----------	-----------	------------	-------	-------	-------	-------

56	36	35	7	27	-----	-----	-----	-----
----	----	----	----------	-----------	-------	-------	-------	-------

56	36	35	7	2	-----	-----	-----	-----
----	----	----	---	----------	-------	-------	-------	-------

Solution 203:

29	<u>2368</u>	28	48	49	<u>467</u>	<u>379</u>	-----	-----
-----------	-------------	-----------	-----------	-----------	------------	------------	-------	-------

29	36	28	48	49	67	37	-----	-----
----	-----------	----	----	----	-----------	-----------	-------	-------

Solution 204:

157	57	<u>1247</u>	17	<u>247</u>	-----	-----	-----	-----
------------	-----------	-------------	-----------	------------	-------	-------	-------	-------

157	57	24	17	24	-----	-----	-----	-----
-----	----	-----------	----	-----------	-------	-------	-------	-------

Solution 205:

235	<u>256</u>	235	38	<u>3478</u>	28	<u>2469</u>	<u>246789</u>	-----
------------	------------	------------	-----------	-------------	-----------	-------------	---------------	-------

235	6	235	38	47	28	4679	469	-----
-----	----------	-----	----	-----------	----	-------------	------------	-------

235	6	235	38	47	28	479	49	-----
-----	---	-----	----	-----------	----	------------	-----------	-------

Solution 206:

<u>3489</u>	48	<u>3489</u>	27	247	278	-----	-----	-----
-------------	-----------	-------------	-----------	------------	------------	-------	-------	-------

39	48	39	27	247	278	-----	-----	-----
-----------	----	-----------	----	-----	-----	-------	-------	-------

Solution 207:

57	23	39	29	<u>2579</u>	-----	-----	-----	-----
----	-----------	-----------	-----------	-------------	-------	-------	-------	-------

57	23	39	29	57	-----	-----	-----	-----
----	-----------	-----------	-----------	----	-------	-------	-------	-------

Solution 208:

<u>14789</u>	<u>489</u>	129	129	<u>178</u>	12	-----	-----	-----
--------------	------------	------------	------------	------------	-----------	-------	-------	-------

478	48	129	129	78	12	-----	-----	-----
------------	-----------	-----	-----	-----------	----	-------	-------	-------

Solution 209:

2347	23	<u>3459</u>	34	347	<u>359</u>	-----	-----	-----
-------------	-----------	-------------	-----------	------------	------------	-------	-------	-------

2347	23	59	34	347	59	-----	-----	-----
------	----	-----------	----	-----	-----------	-------	-------	-------

Solution 210:

3567	356	19	<u>13</u>	49	149	<u>1457</u>	-----	-----
------	-----	-----------	-----------	-----------	------------	-------------	-------	-------

3567	356	19	3	49	149	57	-----	-----
-------------	------------	----	----------	----	-----	-----------	-------	-------

567	56	19	3	49	149	57	-----	-----
------------	-----------	----	---	----	-----	----	-------	-------

Solution 211:

<u>12346</u>	23	36	236	<u>1346</u>	-----	-----	-----	-----
--------------	-----------	-----------	------------	-------------	-------	-------	-------	-------

14	23	36	236	14	-----	-----	-----	-----
-----------	----	----	-----	-----------	-------	-------	-------	-------

Solution 212:

<u>23578</u>	<u>35678</u>	<u>235678</u>	38	138	138	<u>2578</u>	-----	-----
--------------	--------------	---------------	-----------	------------	------------	-------------	-------	-------

257	567	2567	38	138	138	257	-----	-----
------------	------------	-------------	----	-----	-----	------------	-------	-------

Solution 213:

<u>35789</u>	<u>35789</u>	23	36	236	<u>36789</u>	<u>23678</u>	-----	-----
--------------	--------------	-----------	-----------	------------	--------------	--------------	-------	-------

5789	5789	23	36	236	789	78	-----	-----
-------------	-------------	----	----	-----	------------	-----------	-------	-------

Solution 214:

69	<u>38</u>	<u>137</u>	78	36	369	-----	-----	-----
-----------	-----------	------------	----	-----------	------------	-------	-------	-------

69	8	17	<u>78</u>	36	369	-----	-----	-----
----	----------	-----------	-----------	----	-----	-------	-------	-------

69	8	<u>17</u>	7	36	369	-----	-----	-----
----	---	-----------	----------	----	-----	-------	-------	-------

69	8	1	7	36	369	-----	-----	-----
----	---	----------	---	----	-----	-------	-------	-------

Solution 215:

<u>2389</u>	<u>23489</u>	23	23	<u>234</u>	-----	-----	-----	-----
-------------	--------------	-----------	-----------	------------	-------	-------	-------	-------

89	489	23	23	4	-----	-----	-----	-----
-----------	------------	----	----	----------	-------	-------	-------	-------

89	89	23	23	4	-----	-----	-----	-----
----	-----------	----	----	---	-------	-------	-------	-------

Solution 216:

35	39	59	<u>1589</u>	<u>1589</u>	-----	-----	-----	-----
-----------	-----------	-----------	-------------	-------------	-------	-------	-------	-------

35	39	59	18	18	-----	-----	-----	-----
----	----	----	-----------	-----------	-------	-------	-------	-------

Solution 217:

358	238	235	38	<u>1359</u>	<u>13589</u>	-----	-----	-----
------------	------------	------------	-----------	-------------	--------------	-------	-------	-------

358	238	235	38	19	19	-----	-----	-----
-----	-----	-----	----	-----------	-----------	-------	-------	-------

Solution 218:

358	58	<u>13589</u>	38	19	-----	-----	-----	-----
------------	-----------	--------------	-----------	----	-------	-------	-------	-------

358	58	19	38	19	-----	-----	-----	-----
-----	----	-----------	----	-----------	-------	-------	-------	-------

Solution 219:

<u>12468</u>	149	<u>1489</u>	<u>246</u>	149	149	-----	-----	-----
--------------	------------	-------------	------------	------------	------------	-------	-------	-------

268	149	8	26	149	149	-----	-----	-----
------------	-----	----------	-----------	-----	-----	-------	-------	-------

26	149	8	26	149	149	-----	-----	-----
-----------	-----	---	----	-----	-----	-------	-------	-------

Solution 220:

<u>3467</u>	469	459	<u>3457</u>	459	456	-----	-----	-----
-------------	------------	------------	-------------	------------	------------	-------	-------	-------

37	469	459	37	459	456	-----	-----	-----
-----------	-----	-----	-----------	-----	-----	-------	-------	-------

Solution 221:

<u>2345</u>	459	37	459	<u>279</u>	49	-----	-----	-----
-------------	------------	----	------------	------------	-----------	-------	-------	-------

23	459	37	459	27	49	-----	-----	-----
-----------	-----	-----------	-----	-----------	----	-------	-------	-------

Solution 222:

56	35689	679	279	2569	378	69	-----	-----
----	--------------	-----	-----	------	------------	----	-------	-------

56	38	679	279	2569	38	69	-----	-----
----	-----------	-----	-----	------	-----------	----	-------	-------

Solution 223:

469	<u>3689</u>	<u>3678</u>	<u>3678</u>	469	69	-----	-----	-----
------------	-------------	-------------	-------------	------------	-----------	-------	-------	-------

469	38	378	378	469	69	-----	-----	-----
-----	-----------	------------	------------	-----	----	-------	-------	-------

Solution 224:

78	<u>2589</u>	<u>2589</u>	278	278	-----	-----	-----	-----
-----------	-------------	-------------	------------	------------	-------	-------	-------	-------

78	59	59	278	278	-----	-----	-----	-----
----	-----------	-----------	-----	-----	-------	-------	-------	-------

Solution 225:

14 <u>6</u> 9	14	26	<u>4</u> 69	67	267	-----	-----	-----
---------------	----	-----------	-------------	-----------	------------	-------	-------	-------

149	14	26	49	67	267	-----	-----	-----
------------	----	----	-----------	----	-----	-------	-------	-------

Solution 226:

17 <u>8</u> 9	29	59	25	<u>12</u> 79	18	-----	-----	-----
---------------	-----------	-----------	-----------	--------------	----	-------	-------	-------

178	29	59	25	17	18	-----	-----	-----
------------	----	----	----	-----------	----	-------	-------	-------

Solution 227:

268	<u>25</u> 89	28	268	<u>5</u> 69	-----	-----	-----	-----
------------	--------------	-----------	------------	-------------	-------	-------	-------	-------

268	59	28	268	59	-----	-----	-----	-----
-----	-----------	----	-----	-----------	-------	-------	-------	-------

Solution 228:

<u>3</u> 59	<u>3</u> 57	589	159	89	<u>14</u> 9	589	-----	-----
-------------	-------------	------------	------------	-----------	-------------	------------	-------	-------

3	37	589	159	89	4	589	-----	-----
----------	-----------	-----	-----	----	----------	-----	-------	-------

3	7	589	159	89	4	589	-----	-----
---	----------	-----	------------	----	---	-----	-------	-------

3	7	589	1	89	4	589	-----	-----
---	---	-----	----------	----	---	-----	-------	-------

Solution 229:

345	3457	45	<u>14</u> 679	37	<u>13</u> 679	<u>3</u> 67	-----	-----
------------	-------------	-----------	---------------	-----------	---------------	-------------	-------	-------

345	3457	45	169	37	169	6	-----	-----
-----	------	----	------------	----	------------	----------	-------	-------

345	3457	45	19	37	19	6	-----	-----
-----	------	----	-----------	----	-----------	---	-------	-------

Solution 230:

<u>23</u> 8	<u>34</u> 7	<u>234</u> 7	137	19	379	37	-----	-----
-------------	-------------	--------------	------------	-----------	------------	-----------	-------	-------

28	4	24	137	19	379	37	-----	-----
-----------	----------	-----------	-----	----	-----	----	-------	-------

28	4	2	137	19	379	37	-----	-----
-----------	---	----------	-----	----	-----	----	-------	-------

8	4	2	137	19	379	37	-----	-----
----------	---	---	-----	----	-----	----	-------	-------

Solution 231:

67	678	<u>16</u> 9	<u>16</u> 89	678	-----	-----	-----	-----
-----------	------------	-------------	--------------	------------	-------	-------	-------	-------

67	678	19	19	678	-----	-----	-----	-----
----	-----	-----------	-----------	-----	-------	-------	-------	-------

Solution 232:

89	<u>3789</u>	<u>3478</u>	48	489	-----	-----	-----	-----
-----------	-------------	-------------	-----------	------------	-------	-------	-------	-------

89	37	37	48	489	-----	-----	-----	-----
----	-----------	-----------	----	-----	-------	-------	-------	-------

Solution 233:

<u>3478</u>	<u>37</u>	68	368	38	-----	-----	-----	-----
-------------	-----------	-----------	------------	-----------	-------	-------	-------	-------

47	7	68	368	38	-----	-----	-----	-----
-----------	---	----	-----	----	-------	-------	-------	-------

4	7	68	368	38	-----	-----	-----	-----
----------	---	----	-----	----	-------	-------	-------	-------

Solution 234:

<u>34689</u>	<u>689</u>	<u>2358</u>	<u>58</u>	68	<u>23468</u>	68	-----	-----
--------------	------------	-------------	-----------	-----------	--------------	-----------	-------	-------

349	9	235	5	68	234	68	-----	-----
------------	----------	------------	----------	----	------------	----	-------	-------

34	9	<u>235</u>	5	68	234	68	-----	-----
-----------	---	------------	----------	----	-----	----	-------	-------

34	9	23	5	68	234	68	-----	-----
----	---	-----------	---	----	-----	----	-------	-------

Solution 235:

68	<u>23468</u>	268	68	<u>23478</u>	<u>23478</u>	-----	-----	-----
-----------	--------------	------------	-----------	--------------	--------------	-------	-------	-------

68	34	268	68	347	347	-----	-----	-----
-----------	----	------------	-----------	-----	-----	-------	-------	-------

68	34	2	68	347	347	-----	-----	-----
----	----	----------	----	-----	-----	-------	-------	-------

Solution 236:

<u>24</u>	14	<u>23467</u>	46	<u>13467</u>	146	-----	-----	-----
-----------	-----------	--------------	-----------	--------------	------------	-------	-------	-------

2	14	237	46	37	146	-----	-----	-----
----------	----	------------	----	----	-----	-------	-------	-------

2	14	37	46	37	146	-----	-----	-----
---	----	-----------	----	----	-----	-------	-------	-------

Solution 236: (alternate)

24	14	<u>23467</u>	46	<u>13467</u>	146	-----	-----	-----
----	----	--------------	----	--------------	-----	-------	-------	-------

24	14	37	46	37	146	-----	-----	-----
----	----	-----------	----	-----------	-----	-------	-------	-------

2	14	37	46	37	146	-----	-----	-----
----------	----	----	----	----	-----	-------	-------	-------

Solution 237:

<u>24</u> 58	24 <u>8</u> 9	78	24 <u>7</u> 89	58	578		-----	-----
--------------	---------------	-----------	----------------	-----------	------------	--	-------	-------

24	249	78	249	58	578		-----	-----
-----------	------------	----	------------	----	-----	--	-------	-------

Solution 238:

19	15	159	<u>123</u> 5 <u>6</u>	<u>12</u> 5 <u>6</u>	<u>13</u> 5 <u>9</u>	-----	-----	-----
-----------	-----------	------------	-----------------------	----------------------	----------------------	-------	-------	-------

19	15	159	236	26	3	-----	-----	-----
----	----	-----	------------	-----------	----------	-------	-------	-------

19	15	159	26	26	3	-----	-----	-----
----	----	-----	-----------	----	---	-------	-------	-------

Solution 239:

<u>14</u> 78	19	<u>14</u> 5	15	<u>14</u> 5 <u>7</u> 89	159	-----	-----	-----
--------------	-----------	-------------	-----------	-------------------------	------------	-------	-------	-------

478	19	4	15	478	159	-----	-----	-----
------------	----	----------	----	------------	-----	-------	-------	-------

78	19	4	15	78	159	-----	-----	-----
-----------	----	---	----	-----------	-----	-------	-------	-------

Solution 240:

<u>4</u> 68	16	19	69	3478	<u>47</u> 9	<u>34</u> 8 <u>9</u>	-----	-----
-------------	-----------	-----------	-----------	------	-------------	----------------------	-------	-------

48	16	19	69	3478	47	348	-----	-----
-----------	----	----	----	------	-----------	------------	-------	-------

Solution 241:

<u>4</u> 6 <u>8</u> 9	<u>24</u> 569	34	<u>23</u> 4 <u>5</u>	48	69	348	-----	-----
-----------------------	---------------	-----------	----------------------	-----------	----	------------	-------	-------

69	2569	34	25	48	69	348	-----	-----
-----------	-------------	----	-----------	----	-----------	-----	-------	-------

69	25	34	25	48	69	348	-----	-----
----	-----------	----	----	----	----	-----	-------	-------

Solution 242:

147	178	14	348	18	<u>234</u> 5 <u>7</u> 8	<u>25</u> 7 <u>8</u>	-----	-----
------------	------------	-----------	------------	-----------	-------------------------	----------------------	-------	-------

147	178	14	348	18	25	25	-----	-----
-----	-----	----	-----	----	-----------	-----------	-------	-------

Solution 243:

157	57	157	1579	<u>25</u> 6 <u>7</u> 89	<u>12</u> 5 <u>6</u> 789	<u>25</u> 6 <u>9</u>	-----	-----
------------	-----------	------------	-------------	-------------------------	--------------------------	----------------------	-------	-------

157	57	157	1579	268	268	26	-----	-----
-----	----	-----	------	------------	------------	-----------	-------	-------

Solution 244:

<u>134689</u>	<u>1346789</u>	4689	46789	4679	469	4679	-----	-----
---------------	----------------	-------------	--------------	-------------	------------	-------------	-------	-------

13	13	4689	46789	4679	469	4679	-----	-----
-----------	-----------	------	-------	------	-----	------	-------	-------

Solution 245:

12359	1259	135	29	<u>567</u>	<u>12567</u>	1259	-----	-----
--------------	-------------	------------	-----------	------------	--------------	-------------	-------	-------

12359	1259	135	29	67	67	1259	-----	-----
-------	------	-----	----	-----------	-----------	------	-------	-------

Solution 246:

<u>12567</u>	2367	<u>125679</u>	267	2367	<u>5679</u>	367	-----	-----
--------------	-------------	---------------	------------	-------------	-------------	------------	-------	-------

15	2367	159	267	2367	59	367	-----	-----
-----------	------	------------	-----	------	-----------	-----	-------	-------

Solution 247:

<u>345679</u>	<u>34679</u>	139	136	12369	<u>2345</u>	126	1236	-----
---------------	--------------	------------	------------	--------------	-------------	------------	-------------	-------

457	47	139	136	12369	45	126	1236	-----
------------	-----------	-----	-----	-------	-----------	-----	------	-------

Solution 248:

<u>3489</u>	39	1379	137	139	<u>128</u>	<u>12489</u>	-----	-----
-------------	-----------	-------------	------------	------------	------------	--------------	-------	-------

48	39	1379	137	139	28	248	-----	-----
-----------	----	------	-----	-----	-----------	------------	-------	-------

Solution 249:

149	69	169	<u>137</u>	469	<u>347</u>	-----	-----	-----
------------	-----------	------------	------------	------------	------------	-------	-------	-------

149	69	169	37	469	37	-----	-----	-----
-----	----	-----	-----------	-----	-----------	-------	-------	-------

Solution 250:

35	<u>2367</u>	<u>36</u>	35	<u>2356</u>	-----	-----	-----	-----
-----------	-------------	-----------	-----------	-------------	-------	-------	-------	-------

35	267	6	35	26	-----	-----	-----	-----
----	------------	----------	----	-----------	-------	-------	-------	-------

35	27	6	35	2	-----	-----	-----	-----
----	-----------	---	----	----------	-------	-------	-------	-------

35	7	6	35	2	-----	-----	-----	-----
----	----------	---	----	----------	-------	-------	-------	-------

Solution 251:

237	236	67	1237	136	<u>12579</u>	<u>1579</u>	-----	-----
------------	------------	-----------	-------------	------------	--------------	-------------	-------	-------

237	236	67	1237	136	59	59	-----	-----
-----	-----	----	------	-----	-----------	-----------	-------	-------

Solution 252:

<u>15</u> 89	59	259	25	<u>12</u> 58	-----	-----	-----	-----
--------------	-----------	------------	-----------	--------------	-------	-------	-------	-------

18	59	259	25	18	-----	-----	-----	-----
-----------	----	-----	----	-----------	-------	-------	-------	-------

Solution 253:

569	<u>35</u> 67 <u>9</u>	<u>23</u> 67	26	2569	59	-----	-----	-----
------------	-----------------------	--------------	-----------	-------------	-----------	-------	-------	-------

569	37	37	26	2569	59	-----	-----	-----
-----	-----------	-----------	----	------	----	-------	-------	-------

Solution 254:

18	145	<u>345</u> 78 <u>9</u>	<u>34</u> 59	14578	45	1457	-----	-----
-----------	------------	------------------------	--------------	--------------	-----------	-------------	-------	-------

18	145	39	39	14578	45	1457	-----	-----
----	-----	-----------	-----------	-------	----	------	-------	-------

Solution 255:

<u>46</u> 9	16	13	36	49	-----	-----	-----	-----
-------------	-----------	-----------	-----------	----	-------	-------	-------	-------

49	16	13	36	49	-----	-----	-----	-----
-----------	----	----	----	-----------	-------	-------	-------	-------

Solution 256:

12	128	<u>23</u> 4	28	<u>13</u> 4	-----	-----	-----	-----
-----------	------------	-------------	-----------	-------------	-------	-------	-------	-------

12	128	34	28	34	-----	-----	-----	-----
----	-----	-----------	----	-----------	-------	-------	-------	-------

Solution 257:

346	36	<u>23</u> 67	<u>26</u> 7	34	-----	-----	-----	-----
------------	-----------	--------------	-------------	-----------	-------	-------	-------	-------

346	36	27	27	34	-----	-----	-----	-----
-----	----	-----------	-----------	----	-------	-------	-------	-------

Solution 258:

<u>35</u> 9	58	358	38	79	-----	-----	-----	-----
-------------	-----------	------------	-----------	----	-------	-------	-------	-------

9	58	358	38	<u>79</u>	-----	-----	-----	-----
----------	----	-----	----	-----------	-------	-------	-------	-------

9	58	358	38	7	-----	-----	-----	-----
---	----	-----	----	----------	-------	-------	-------	-------

Solution 259:

1356	136	15	136	<u>136</u> 789	<u>156</u> 789	<u>35</u> 8	-----	-----
-------------	------------	-----------	------------	----------------	----------------	-------------	-------	-------

1356	136	15	136	789	789	8	-----	-----
------	-----	----	-----	------------	------------	----------	-------	-------

1356	136	15	136	79	79	8	-----	-----
------	-----	----	-----	-----------	-----------	----------	-------	-------

Solution 260:

57	<u>1478</u>	68	<u>1568</u>	468	46	-----	-----	-----
----	-------------	-----------	-------------	------------	-----------	-------	-------	-------

57	17	68	15	468	46	-----	-----	-----
----	-----------	----	-----------	-----	----	-------	-------	-------

Solution 261:

39	136	<u>37</u>	<u>567</u>	169	13	-----	-----	-----
-----------	------------	-----------	------------	------------	-----------	-------	-------	-------

39	136	7	<u>57</u>	169	13	-----	-----	-----
----	-----	----------	------------------	-----	----	-------	-------	-------

39	136	7	5	169	13	-----	-----	-----
----	-----	---	----------	-----	----	-------	-------	-------

Solution 262:

25	<u>23569</u>	578	358	58	278	<u>2689</u>	-----	-----
-----------	--------------	------------	------------	-----------	------------	-------------	-------	-------

25	69	578	<u>358</u>	58	278	69	-----	-----
----	-----------	-----	-------------------	----	-----	-----------	-------	-------

25	69	578	3	58	278	69	-----	-----
----	----	-----	----------	----	-----	----	-------	-------

Solution 263:

57	17	58	<u>28</u>	18	<u>1248</u>	-----	-----	-----
-----------	-----------	-----------	-----------	-----------	-------------	-------	-------	-------

57	17	58	2	18	<u>24</u>	-----	-----	-----
----	----	----	----------	----	------------------	-------	-------	-------

57	17	58	2	18	4	-----	-----	-----
----	----	----	---	----	----------	-------	-------	-------

Solution 264:

368	<u>3569</u>	<u>6789</u>	26	57	238	368	-----	-----
------------	-------------	-------------	-----------	----	------------	------------	-------	-------

368	59	79	26	57	238	368	-----	-----
-----	-----------	-----------	----	----	-----	-----	-------	-------

Solution 265:

168	<u>158</u>	68	<u>2456</u>	<u>1248</u>	168	-----	-----	-----
------------	------------	-----------	-------------	-------------	------------	-------	-------	-------

168	5	68	<u>245</u>	24	168	-----	-----	-----
-----	----------	----	-------------------	-----------	-----	-------	-------	-------

168	5	68	24	24	168	-----	-----	-----
-----	---	----	-----------	----	-----	-------	-------	-------

Solution 266:

17	1279	126	67	127	12369	-----	-----	-----
-----------	------	------------	-----------	------------	-------	-------	-------	-------

17	9	126	67	127	<u>39</u>	-----	-----	-----
----	----------	-----	----	-----	------------------	-------	-------	-------

17	9	126	67	127	3	-----	-----	-----
----	---	-----	----	-----	----------	-------	-------	-------

Problem 267:

28	2368	238	<u>16</u> 7	<u>3</u> 9	<u>12</u> <u>78</u> 9	268	-----	-----
-----------	-------------	------------	-------------	------------	-----------------------	------------	-------	-------

28	2368	238	17	9	179	268	-----	-----
----	------	-----	-----------	----------	------------	-----	-------	-------

28	2368	238	17	9	17	268	-----	-----
----	------	-----	----	---	-----------	-----	-------	-------

Solution 268:

57	<u>56</u> 79	257	25	<u>26</u> 79	-----	-----	-----	-----
-----------	--------------	------------	-----------	--------------	-------	-------	-------	-------

57	69	257	25	69	-----	-----	-----	-----
----	-----------	-----	----	-----------	-------	-------	-------	-------

Solution 269:

378	238	235	2358	<u>45</u> 79	578	<u>24</u> 79	-----	-----
------------	------------	------------	-------------	--------------	------------	--------------	-------	-------

378	238	235	2358	49	578	49	-----	-----
-----	-----	-----	------	-----------	-----	-----------	-------	-------

Solution 270:

378	237	<u>1235</u> 6	<u>1235</u> 8	57	578	27	-----	-----
------------	------------	---------------	---------------	-----------	------------	-----------	-------	-------

378	237	16	1	57	578	27	-----	-----
-----	-----	-----------	----------	----	-----	----	-------	-------

378	237	6	1	57	578	27	-----	-----
-----	-----	----------	---	----	-----	----	-------	-------

Solution 271:

<u>12</u> 48	136	<u>126</u> 8	<u>134</u> 68	136	136	-----	-----	-----
--------------	------------	--------------	---------------	------------	------------	-------	-------	-------

248	136	28	48	136	136	-----	-----	-----
------------	-----	-----------	-----------	-----	-----	-------	-------	-------

Solution 272:

168	<u>135</u> 8	68	39	59	16	-----	-----	-----
------------	--------------	-----------	----	----	-----------	-------	-------	-------

168	35	68	39	59	16	-----	-----	-----
-----	-----------	----	----	----	----	-------	-------	-------

Solution 273:

<u>235</u> 89	<u>235</u> 9	<u>58</u> 9	68	89	69	-----	-----	-----
---------------	--------------	-------------	-----------	-----------	-----------	-------	-------	-------

235	235	5	68	89	69	-----	-----	-----
------------	------------	---	----	----	----	-------	-------	-------

23	23	5	68	89	69	-----	-----	-----
-----------	-----------	---	----	----	----	-------	-------	-------

Solution 274:

18	28	38	13489	128	1349	-----	-----	-----
-----------	-----------	----	-------	------------	------	-------	-------	-------

18	28	3	<u>349</u>	128	<u>349</u>	-----	-----	-----
----	----	----------	-------------------	-----	-------------------	-------	-------	-------

18	28	3	49	128	49	-----	-----	-----
----	----	---	-----------	-----	-----------	-------	-------	-------

Solution 275:

17	178	49	178	<u>1479</u>	-----	-----	-----	-----
-----------	------------	----	------------	-------------	-------	-------	-------	-------

17	178	49	178	49	-----	-----	-----	-----
----	-----	----	-----	-----------	-------	-------	-------	-------

Solution 276:

39	<u>1235</u>	<u>1259</u>	<u>279</u>	39	379	-----	-----	-----
-----------	-------------	-------------	------------	-----------	------------	-------	-------	-------

39	<u>125</u>	<u>125</u>	2	39	379	-----	-----	-----
----	-------------------	-------------------	----------	----	-----	-------	-------	-------

39	15	15	2	39	<u>379</u>	-----	-----	-----
----	-----------	-----------	---	----	-------------------	-------	-------	-------

39	15	15	2	39	7	-----	-----	-----
----	----	----	---	----	----------	-------	-------	-------

Solution 276: (alternate)

39	<u>1235</u>	<u>1259</u>	<u>279</u>	39	<u>379</u>	-----	-----	-----
-----------	-------------	-------------	------------	-----------	-------------------	-------	-------	-------

39	125	125	<u>27</u>	39	7	-----	-----	-----
----	------------	------------	------------------	----	----------	-------	-------	-------

39	<u>125</u>	<u>125</u>	2	39	7	-----	-----	-----
----	------------	------------	----------	----	---	-------	-------	-------

39	15	15	2	39	7	-----	-----	-----
----	-----------	-----------	---	----	---	-------	-------	-------

Solution 277:

<u>136</u>	67	<u>2369</u>	679	<u>12367</u>	67	-----	-----	-----
------------	-----------	-------------	------------	--------------	-----------	-------	-------	-------

13	67	23	<u>679</u>	123	67	-----	-----	-----
-----------	----	-----------	-------------------	------------	----	-------	-------	-------

13	67	23	9	123	67	-----	-----	-----
----	----	----	----------	-----	----	-------	-------	-------

Solution 277: (alternate)

<u>136</u>	67	<u>2369</u>	<u>679</u>	<u>12367</u>	67	-----	-----	-----
------------	-----------	-------------	-------------------	--------------	-----------	-------	-------	-------

13	67	<u>239</u>	9	123	67	-----	-----	-----
-----------	----	-------------------	----------	------------	----	-------	-------	-------

13	67	23	9	123	67	-----	-----	-----
-----------	----	-----------	---	------------	----	-------	-------	-------

Solution 278:

13	23	268	168	126	<u>36</u> 89	<u>34</u> 69	-----	-----
-----------	-----------	------------	------------	------------	--------------	--------------	-------	-------

13	23	268	168	126	9	49	-----	-----
----	----	-----	-----	-----	----------	-----------	-------	-------

13	23	268	168	126	9	4	-----	-----
----	----	-----	-----	-----	---	----------	-------	-------

Solution 279:

56	<u>35</u> 69	256	<u>35</u> 69	256	-----	-----	-----	-----
-----------	--------------	------------	--------------	------------	-------	-------	-------	-------

56	39	256	39	256	-----	-----	-----	-----
----	-----------	-----	-----------	-----	-------	-------	-------	-------

Solution 280:

358	358	<u>234</u> 5	<u>125</u> 6	146	35	<u>124</u> 5	-----	-----
------------	------------	--------------	--------------	-----	-----------	--------------	-------	-------

358	358	24	126	146	35	124	-----	-----
-----	-----	-----------	------------	-----	----	------------	-------	-------

Solution 281:

<u>145</u> 68	18	48	27	257	57	<u>156</u> 7	-----	-----
---------------	----	----	-----------	------------	-----------	--------------	-------	-------

1468	18	48	27	257	57	16	-----	-----
-------------	----	----	----	-----	----	-----------	-------	-------

Solution 282:

35	256	35	2356	<u>1234</u> 5	<u>1234</u> 5	-----	-----	-----
-----------	------------	-----------	-------------	---------------	---------------	-------	-------	-------

35	<u>25</u> 6	35	<u>235</u> 6	14	14	-----	-----	-----
-----------	-------------	-----------	--------------	-----------	-----------	-------	-------	-------

35	26	35	26	14	14	-----	-----	-----
----	-----------	----	-----------	----	----	-------	-------	-------

Solution 282: (alternate)

35	<u>25</u> 6	35	<u>235</u> 6	<u>1234</u> 5	<u>1234</u> 5	-----	-----	-----
-----------	-------------	-----------	--------------	---------------	---------------	-------	-------	-------

35	26	35	26	124	124	-----	-----	-----
----	-----------	----	-----------	------------	------------	-------	-------	-------

35	26	35	26	14	14	-----	-----	-----
----	----	----	----	-----------	-----------	-------	-------	-------

Solution 283:

<u>1356</u> 8	389	389	39	<u>35</u> 8	<u>156</u> 8	-----	-----	-----
---------------	------------	------------	-----------	-------------	--------------	-------	-------	-------

156	389	389	39	5	156	-----	-----	-----
------------	-----	-----	----	----------	------------	-------	-------	-------

16	389	389	39	5	16	-----	-----	-----
-----------	-----	-----	----	---	-----------	-------	-------	-------

Solution 284:

59	589	58	<u>3689</u>	<u>3689</u>	-----	-----	-----	-----
-----------	------------	-----------	-------------	-------------	-------	-------	-------	-------

59	589	58	36	36	-----	-----	-----	-----
----	-----	----	-----------	-----------	-------	-------	-------	-------

Solution 285:

1369	69	1369	<u>3489</u>	48	139	-----	-----	-----
-------------	-----------	-------------	-------------	----	------------	-------	-------	-------

1369	69	1369	48	48	139	-----	-----	-----
------	----	------	-----------	----	-----	-------	-------	-------

Solution 286:

<u>1489</u>	<u>1489</u>	569	59	69	<u>489</u>	-----	-----	-----
-------------	-------------	------------	-----------	-----------	------------	-------	-------	-------

148	148	569	59	69	48	-----	-----	-----
------------	------------	-----	----	----	-----------	-------	-------	-------

Solution 287:

568	47	14	17	<u>14678</u>	<u>14578</u>	-----	-----	-----
-----	-----------	-----------	-----------	--------------	--------------	-------	-------	-------

568	47	14	17	68	58	-----	-----	-----
------------	----	----	----	-----------	-----------	-------	-------	-------

Solution 288:

57	378	<u>2368</u>	<u>23678</u>	38	357	-----	-----	-----
-----------	------------	-------------	--------------	-----------	------------	-------	-------	-------

57	378	26	26	38	357	-----	-----	-----
----	-----	-----------	-----------	----	-----	-------	-------	-------

Solution 289:

37	378	<u>13478</u>	<u>13468</u>	<u>68</u>	37	-----	-----	-----
-----------	------------	--------------	--------------	-----------	-----------	-------	-------	-------

37	378	14	146	6	37	-----	-----	-----
----	-----	-----------	------------	----------	----	-------	-------	-------

37	378	14	14	6	37	-----	-----	-----
----	------------	-----------	-----------	---	----	-------	-------	-------

37	8	14	14	6	37	-----	-----	-----
----	----------	----	----	---	----	-------	-------	-------

Solution 290:

14	1348	38	58	37	357	-----	-----	-----
-----------	-------------	----	----	----	-----	-------	-------	-------

14	14	38	58	37	357	-----	-----	-----
----	-----------	----	----	----	-----	-------	-------	-------

Solution 291:

34	<u>459</u>	<u>137</u>	69	369	<u>147</u>	46	-----	-----
-----------	------------	------------	-----------	------------	------------	-----------	-------	-------

34	5	17	69	369	17	46	-----	-----
----	----------	-----------	----	-----	-----------	----	-------	-------

Solution 292:

<u>2</u> 589	23	<u>2</u> 5	237	<u>237</u> 89	237	-----	-----	-----
--------------	-----------	------------	------------	---------------	------------	-------	-------	-------

5 89	23	5	237	89	237	-----	-----	-----
-------------	----	----------	-----	-----------	-----	-------	-------	-------

89	23	5	237	89	237	-----	-----	-----
-----------	----	---	-----	----	-----	-------	-------	-------

Solution 293:

14	<u>13</u> 56	58	358	<u>4</u> 5	35	-----	-----	-----
----	--------------	-----------	------------	------------	-----------	-------	-------	-------

<u>14</u>	16	58	358	4	35	-----	-----	-----
-----------	-----------	----	-----	----------	----	-------	-------	-------

1	<u>16</u>	58	358	4	35	-----	-----	-----
----------	-----------	----	-----	---	----	-------	-------	-------

1	6	58	358	4	35	-----	-----	-----
---	----------	----	-----	---	----	-------	-------	-------

Solution 294:

357	57	<u>47</u> 9	<u>14</u> 79	57	1357	-----	-----	-----
------------	-----------	-------------	--------------	-----------	-------------	-------	-------	-------

357	57	49	49	57	1357	-----	-----	-----
-----	----	-----------	-----------	----	-------------	-------	-------	-------

357	57	49	49	57	1	-----	-----	-----
-----	----	----	----	----	----------	-------	-------	-------

Solution 295:

1367	1367	167	67	349	349	-----	-----	-----
------	------	-----	----	------------	------------	-------	-------	-------

1367	1367	167	67	49	49	-----	-----	-----
------	------	-----	----	-----------	-----------	-------	-------	-------

Solution 296:

568	68	56	<u>45</u> 7	<u>14</u> <u>56</u> 8	<u>17</u> 8	-----	-----	-----
------------	-----------	-----------	-------------	-----------------------	-------------	-------	-------	-------

568	68	56	47	14	17	-----	-----	-----
-----	----	----	-----------	-----------	-----------	-------	-------	-------

Solution 297:

<u>23</u> 5	568	68	56	<u>236</u> 89	<u>236</u> 9	-----	-----	-----
-------------	------------	-----------	-----------	---------------	--------------	-------	-------	-------

23	568	68	56	239	239	-----	-----	-----
-----------	-----	----	----	------------	------------	-------	-------	-------

Solution 298:

458	58	<u>12</u> <u>48</u>	458	<u>12</u> <u>48</u>	-----	-----	-----	-----
------------	-----------	---------------------	------------	---------------------	-------	-------	-------	-------

458	58	12	458	12	-----	-----	-----	-----
-----	----	-----------	-----	-----------	-------	-------	-------	-------

Solution 299:

1258	258	<u>1378</u>	158	58	<u>1237</u>	-----	-----	-----
-------------	------------	-------------	------------	-----------	-------------	-------	-------	-------

1258	258	37	158	58	37	-----	-----	-----
------	-----	-----------	-----	----	-----------	-------	-------	-------

Solution 300:

48	<u>1346</u>	<u>1346</u>	48	348	-----	-----	-----	-----
-----------	-------------	-------------	-----------	------------	-------	-------	-------	-------

48	16	16	48	348	-----	-----	-----	-----
----	-----------	-----------	----	------------	-------	-------	-------	-------

48	16	16	48	3	-----	-----	-----	-----
----	----	----	----	----------	-------	-------	-------	-------

Solution 301:

289	28	89	167	<u>127</u>	<u>127</u>	-----	-----	-----
------------	-----------	-----------	-----	------------	------------	-------	-------	-------

289	28	89	167	17	17	-----	-----	-----
-----	----	----	------------	-----------	-----------	-------	-------	-------

289	28	89	6	17	17	-----	-----	-----
-----	----	----	----------	----	----	-------	-------	-------

Solution 302:

<u>5678</u>	<u>5678</u>	3456	46	345	3456	-----	-----	-----
-------------	-------------	-------------	-----------	------------	-------------	-------	-------	-------

78	78	3456	46	345	3456	-----	-----	-----
-----------	-----------	------	----	-----	------	-------	-------	-------

Solution 303:

1247	234	12347	<u>4579</u>	347	<u>2459</u>	1247	-----	-----
-------------	------------	--------------	-------------	------------	-------------	-------------	-------	-------

1247	234	12347	59	347	59	1247	-----	-----
------	-----	-------	-----------	-----	-----------	------	-------	-------

Solution 304:

57	15	59	<u>1259</u>	79	-----	-----	-----	-----
-----------	-----------	-----------	-------------	-----------	-------	-------	-------	-------

57	15	59	2	79	-----	-----	-----	-----
----	-----------	----	----------	----	-------	-------	-------	-------

57	1	59	2	79	-----	-----	-----	-----
----	----------	----	---	----	-------	-------	-------	-------

Solution 305:

<u>13579</u>	79	39	37	<u>13579</u>	-----	-----	-----	-----
--------------	-----------	-----------	-----------	--------------	-------	-------	-------	-------

15	79	39	37	15	-----	-----	-----	-----
-----------	----	----	----	-----------	-------	-------	-------	-------

Solution 306:

<u>14567</u>	46	<u>14567</u>	45	56	-----	-----	-----	-----
--------------	-----------	--------------	-----------	-----------	-------	-------	-------	-------

17	46	17	45	56	-----	-----	-----	-----
-----------	----	-----------	----	----	-------	-------	-------	-------

Solution 307:

<u>12579</u>	<u>12379</u>	15	<u>23579</u>	125	1245	45	-----	-----
--------------	--------------	-----------	--------------	------------	-------------	-----------	-------	-------

79	379	15	379	125	1245	45	-----	-----
-----------	------------	----	------------	-----	------	----	-------	-------

Solution 308:

<u>26789</u>	79	<u>24789</u>	39	<u>23678</u>	37	<u>23478</u>	-----	-----
--------------	-----------	--------------	-----------	--------------	-----------	--------------	-------	-------

268	79	248	39	268	37	248	-----	-----
------------	----	------------	----	------------	----	------------	-------	-------

Solution 309:

<u>23579</u>	<u>235789</u>	26	268	<u>248</u>	<u>2359</u>	28	<u>234589</u>	-----
--------------	---------------	-----------	------------	------------	-------------	-----------	---------------	-------

3579	3579	26	268	4	359	28	3459	-----
-------------	-------------	----	-----	----------	------------	----	-------------	-------

3579	3579	26	268	4	359	28	359	-----
------	------	----	-----	---	-----	----	------------	-------

Solution 310:

<u>13458</u>	<u>13458</u>	<u>15</u>	<u>489</u>	29	259	579	2579	-----
--------------	--------------	-----------	------------	-----------	------------	------------	-------------	-------

1348	1348	1	48	29	259	579	2579	-----
-------------	-------------	----------	-----------	----	-----	-----	------	-------

348	348	1	48	29	259	579	2579	-----
------------	------------	---	----	----	-----	-----	------	-------

Solution 311:

168	<u>156</u>	1468	46	<u>1569</u>	1468	-----	-----	-----
------------	------------	-------------	-----------	-------------	-------------	-------	-------	-------

168	5	1468	46	59	1468	-----	-----	-----
-----	----------	------	----	-----------	------	-------	-------	-------

168	5	1468	46	9	1468	-----	-----	-----
-----	---	------	----	----------	------	-------	-------	-------

Solution 312:

12	<u>689</u>	36	26	<u>13689</u>	126	-----	-----	-----
-----------	------------	-----------	-----------	--------------	------------	-------	-------	-------

12	89	36	26	89	126	-----	-----	-----
----	-----------	----	----	-----------	-----	-------	-------	-------

12	89	36	26	89	126	-----	-----	-----
----	----	----	----	----	-----	-------	-------	-------

12	89	3	26	89	126	-----	-----	-----
----	----	----------	----	----	-----	-------	-------	-------

Solution 313:

<u>6</u> 789	78	47	478	<u>4</u> 689	-----	-----	-----	-----
--------------	-----------	-----------	------------	--------------	-------	-------	-------	-------

69	78	47	478	69	-----	-----	-----	-----
-----------	----	----	-----	-----------	-------	-------	-------	-------

Solution 314:

367	<u>3</u> 479	49	67	367	-----	-----	-----	-----
------------	--------------	----	-----------	------------	-------	-------	-------	-------

367	49	49	67	367	-----	-----	-----	-----
-----	-----------	----	----	-----	-------	-------	-------	-------

Solution 315:

<u>5</u> 78	35	12345	234	12345	<u>1</u> 478	14	-----	-----
-------------	-----------	--------------	------------	--------------	--------------	-----------	-------	-------

78	35	12345	234	12345	78	14	-----	-----
-----------	----	-------	-----	-------	-----------	----	-------	-------

Solution 316:

23	56	156	16	<u>1</u> 3 <u>6</u>	-----	-----	-----	-----
----	-----------	------------	-----------	---------------------	-------	-------	-------	-------

<u>2</u> 3	56	156	16	3	-----	-----	-----	-----
------------	----	-----	----	----------	-------	-------	-------	-------

2	56	156	16	3	-----	-----	-----	-----
----------	----	-----	----	---	-------	-------	-------	-------

Solution 317:

678	<u>3</u> 5 <u>6</u> 78	678	67	<u>3</u> 4 <u>5</u> 8	<u>4</u> 5 <u>8</u>	-----	-----	-----
------------	------------------------	------------	-----------	-----------------------	---------------------	-------	-------	-------

678	35	678	67	345	45	-----	-----	-----
-----	-----------	-----	----	------------	-----------	-------	-------	-------

Solution 318:

789	678	689	12	678	<u>1</u> 2 <u>6</u> 89	-----	-----	-----
------------	------------	------------	----	------------	------------------------	-------	-------	-------

789	678	689	12	678	12	-----	-----	-----
-----	-----	-----	----	-----	-----------	-------	-------	-------

Solution 319:

<u>3</u> 6 <u>7</u> 89	<u>6</u> 89	<u>3</u> 4 <u>6</u> 78	79	479	49	-----	-----	-----
------------------------	-------------	------------------------	-----------	------------	-----------	-------	-------	-------

368	68	368	79	479	49	-----	-----	-----
------------	-----------	------------	----	-----	----	-------	-------	-------

Solution 320:

17	<u>1</u> 69	<u>1</u> 2 <u>5</u> 8	<u>1</u> 2 <u>5</u> 89	15	156	67	-----	-----
-----------	-------------	-----------------------	------------------------	-----------	------------	-----------	-------	-------

17	9	28	289	15	156	67	-----	-----
----	----------	-----------	------------	----	-----	----	-------	-------

17	9	28	28	15	156	67	-----	-----
----	---	----	-----------	----	-----	----	-------	-------

Solution 321:

49	14	<u>156</u>	67	<u>457</u>	19	-----	-----	-----
-----------	-----------	------------	----	------------	-----------	-------	-------	-------

49	14	56	67	57	19	-----	-----	-----
----	----	-----------	----	-----------	----	-------	-------	-------

Solution 322:

<u>3789</u>	<u>23789</u>	24579	259	2459	279	24579	-----	-----
-------------	--------------	--------------	------------	-------------	------------	--------------	-------	-------

38	38	24579	259	2459	279	24579	-----	-----
-----------	-----------	-------	-----	------	-----	-------	-------	-------

Solution 323:

59	<u>359</u>	<u>1459</u>	59	<u>14589</u>	<u>1259</u>	<u>123589</u>	-----	-----
-----------	------------	-------------	-----------	--------------	-------------	---------------	-------	-------

59	3	14	59	148	12	1238	-----	-----
----	----------	-----------	----	------------	----	-------------	-------	-------

59	3	14	59	148	12	128	-----	-----
----	---	----	----	-----	----	------------	-------	-------

Solution 324:

<u>179</u>	38	348	3478	37	<u>14789</u>	-----	-----	-----
------------	-----------	------------	-------------	-----------	--------------	-------	-------	-------

19	38	348	3478	37	19	-----	-----	-----
-----------	----	-----	------	----	-----------	-------	-------	-------

Solution 325:

<u>3457</u>	17	56	456	13	46	-----	-----	-----
-------------	----	-----------	------------	----	-----------	-------	-------	-------

37	17	56	456	13	46	-----	-----	-----
-----------	----	----	-----	----	----	-------	-------	-------

Solution 326:

145	<u>2457</u>	56	<u>25678</u>	568	1456	1568	-----	-----
------------	-------------	-----------	--------------	------------	-------------	-------------	-------	-------

145	27	56	27	568	1456	1568	-----	-----
-----	-----------	----	-----------	-----	------	------	-------	-------

Solution 327:

39	27	389	<u>189</u>	389	127	-----	-----	-----
-----------	----	------------	------------	------------	-----	-------	-------	-------

39	27	389	1	389	<u>127</u>	-----	-----	-----
----	----	-----	----------	-----	------------	-------	-------	-------

39	27	389	1	389	27	-----	-----	-----
----	----	-----	---	-----	-----------	-------	-------	-------

Solution 328:

379	37	34	<u>1347</u>	39	-----	-----	-----	-----
------------	-----------	-----------	-------------	-----------	-------	-------	-------	-------

379	37	34	1	39	-----	-----	-----	-----
-----	----	-----------	----------	----	-------	-------	-------	-------

379	37	4	1	39	-----	-----	-----	-----
-----	----	----------	---	----	-------	-------	-------	-------

Solution 329:

34	<u>1358</u>	36	346	<u>358</u>	<u>168</u>	-----	-----	-----
-----------	-------------	-----------	------------	------------	------------	-------	-------	-------

34	158	36	346	58	18	-----	-----	-----
----	------------	----	-----	-----------	-----------	-------	-------	-------

Solution 330:

<u>136</u>	234	<u>1468</u>	24	<u>1368</u>	34	-----	-----	-----
------------	------------	-------------	-----------	-------------	-----------	-------	-------	-------

16	234	168	24	168	34	-----	-----	-----
-----------	-----	------------	----	------------	----	-------	-------	-------

Solution 331:

2478	478	569	<u>5678</u>	24	69	569	-----	-----
------	-----	------------	-------------	----	-----------	------------	-------	-------

2478	478	569	78	24	69	569	-----	-----
------	-----	-----	-----------	----	----	-----	-------	-------

Solution 332:

279	<u>37</u>	<u>1689</u>	29	13	<u>678</u>	27	-----	-----
------------	-----------	-------------	-----------	----	------------	-----------	-------	-------

279	3	168	29	<u>13</u>	68	27	-----	-----
-----	----------	------------	----	-----------	-----------	----	-------	-------

279	3	<u>168</u>	29	1	68	27	-----	-----
-----	---	------------	----	----------	----	----	-------	-------

279	3	68	29	1	68	27	-----	-----
-----	---	-----------	----	---	----	----	-------	-------

Solution 333:

<u>245</u>	47	<u>459</u>	234	347	34	-----	-----	-----
------------	-----------	------------	------------	------------	-----------	-------	-------	-------

5	47	<u>59</u>	234	347	34	-----	-----	-----
----------	----	-----------	-----	-----	----	-------	-------	-------

5	47	9	234	347	34	-----	-----	-----
---	----	----------	------------	-----	----	-------	-------	-------

5	47	9	2	347	34	-----	-----	-----
---	----	---	----------	-----	----	-------	-------	-------

Solution 334:

<u>1257</u>	27	<u>125</u>	26	67	-----	-----	-----	-----
-------------	-----------	------------	-----------	-----------	-------	-------	-------	-------

15	27	15	26	67	-----	-----	-----	-----
-----------	----	-----------	----	----	-------	-------	-------	-------

Solution 335:

158	15	58	39	<u>3568</u>	3689	-----	-----	-----
------------	-----------	-----------	----	-------------	------	-------	-------	-------

158	15	58	39	36	369	-----	-----	-----
-----	----	----	-----------	-----------	------------	-------	-------	-------

Solution 336:

589	58	367 <u>8</u>	<u>567</u>	89	37	-----	-----	-----
------------	-----------	--------------	------------	-----------	----	-------	-------	-------

589	58	367	67	89	37	-----	-----	-----
-----	----	------------	-----------	----	-----------	-------	-------	-------

Solution 337:

<u>458</u>	<u>1258</u>	58	58	<u>128</u>	-----	-----	-----	-----
------------	-------------	-----------	-----------	------------	-------	-------	-------	-------

4	12	58	58	12	-----	-----	-----	-----
----------	-----------	----	----	-----------	-------	-------	-------	-------

Solution 338:

17	<u>167</u>	12	<u>289</u>	127	689	-----	-----	-----
-----------	------------	-----------	------------	------------	-----	-------	-------	-------

17	6	12	89	127	689	-----	-----	-----
----	----------	----	-----------	-----	------------	-------	-------	-------

17	6	12	89	127	89	-----	-----	-----
----	---	----	----	-----	-----------	-------	-------	-------

Solution 339:

29	2569	2569	259	<u>2489</u>	48	-----	-----	-----
-----------	-------------	-------------	------------	-------------	----	-------	-------	-------

29	2569	2569	259	48	48	-----	-----	-----
----	------	------	-----	-----------	----	-------	-------	-------

Solution 340:

345	<u>1348</u>	37	<u>1348</u>	457	35	-----	-----	-----
------------	-------------	-----------	-------------	------------	-----------	-------	-------	-------

345	18	37	18	457	35	-----	-----	-----
-----	-----------	----	-----------	-----	----	-------	-------	-------

Solution 341:

45	67	<u>4689</u>	<u>56789</u>	457	4567	-----	-----	-----
-----------	-----------	-------------	--------------	------------	-------------	-------	-------	-------

45	67	89	89	457	4567	-----	-----	-----
----	----	-----------	-----------	-----	------	-------	-------	-------

Solution 342:

158	38	35	138	<u>1489</u>	<u>1689</u>	<u>4689</u>	-----	-----
------------	-----------	-----------	------------	-------------	-------------	-------------	-------	-------

158	38	35	138	49	69	469	-----	-----
-----	----	----	-----	-----------	-----------	------------	-------	-------

Solution 343:

<u>16</u> 89	<u>16</u> 9	38	<u>37</u> 8	68	368	-----	-----	-----
--------------	-------------	-----------	-------------	-----------	------------	-------	-------	-------

19	19	38	7	68	368	-----	-----	-----
-----------	-----------	----	----------	----	-----	-------	-------	-------

Solution 344:

<u>145</u> 78	<u>145</u> 78	136	<u>136</u> 8	36	56	135	-----	-----
---------------	---------------	------------	--------------	-----------	-----------	------------	-------	-------

478	478	136	8	36	56	135	-----	-----
------------	------------	-----	----------	----	----	-----	-------	-------

47	47	136	8	36	56	135	-----	-----
-----------	-----------	-----	----------	----	----	-----	-------	-------

Solution 345:

<u>34</u> 6	<u>6</u> 7	489	38	489	34	-----	-----	-----
-------------	------------	------------	-----------	------------	-----------	-------	-------	-------

6	<u>6</u> 7	489	38	489	34	-----	-----	-----
----------	------------	-----	----	-----	----	-------	-------	-------

6	7	489	38	489	34	-----	-----	-----
----------	----------	-----	----	-----	----	-------	-------	-------

Solution 346:

36	<u>26</u> 9	56	<u>256</u> 9	13	135	-----	-----	-----
-----------	-------------	-----------	--------------	-----------	------------	-------	-------	-------

36	29	56	29	13	135	-----	-----	-----
----	-----------	----	-----------	----	-----	-------	-------	-------

Solution 347:

<u>25</u> 8	15	158	58	<u>1245</u> 9	<u>1245</u> 89	-----	-----	-----
-------------	-----------	------------	-----------	---------------	----------------	-------	-------	-------

2	15	158	58	249	249	-----	-----	-----
----------	----	-----	----	------------	------------	-------	-------	-------

2	15	158	58	49	49	-----	-----	-----
----------	----	-----	----	-----------	-----------	-------	-------	-------

Solution 348:

34	<u>134</u> 78	<u>137</u> 8	14	134	-----	-----	-----	-----
-----------	---------------	--------------	-----------	------------	-------	-------	-------	-------

34	78	78	14	134	-----	-----	-----	-----
----	-----------	-----------	----	-----	-------	-------	-------	-------

Solution 349:

<u>124</u> 7	<u>127</u>	37	34	347	-----	-----	-----	-----
--------------	------------	-----------	-----------	------------	-------	-------	-------	-------

12	12	37	34	347	-----	-----	-----	-----
-----------	-----------	----	----	-----	-------	-------	-------	-------

Solution 350:

37	379	39	69	56 <u>79</u>	-----	-----	-----	-----
-----------	------------	-----------	----	--------------	-------	-------	-------	-------

37	379	39	6	56	-----	-----	-----	-----
----	-----	----	----------	-----------	-------	-------	-------	-------

37	379	39	6	5	-----	-----	-----	-----
----	-----	----	---	----------	-------	-------	-------	-------

Solution 351:

169	19	267	2679	<u>2368</u>	<u>23689</u>	29	-----	-----
------------	-----------	------------	-------------	-------------	--------------	-----------	-------	-------

169	19	267	2679	38	38	29	-----	-----
-----	----	-----	------	-----------	-----------	----	-------	-------

Solution 352:

257	257	13 <u>578</u>	2579	<u>24579</u>	14 <u>578</u>	2579	34 <u>57</u>	-----
------------	------------	---------------	-------------	--------------	---------------	-------------	--------------	-------

257	257	138	2579	4	148	2579	34	-----
-----	-----	------------	------	----------	------------	------	-----------	-------

257	257	138	2579	4	18	2579	3	-----
-----	-----	------------	------	---	-----------	------	----------	-------

257	257	18	2579	4	18	2579	3	-----
-----	-----	-----------	------	---	----	------	---	-------

Solution 353:

379	37	379	18 <u>9</u>	17 <u>89</u>	-----	-----	-----	-----
------------	-----------	------------	-------------	--------------	-------	-------	-------	-------

379	37	379	18	18	-----	-----	-----	-----
-----	----	-----	-----------	-----------	-------	-------	-------	-------

Solution 354:

149	14	249	78 <u>9</u>	678 <u>9</u>	24	<u>479</u>	-----	-----
------------	-----------	------------	-------------	--------------	-----------	------------	-------	-------

149	14	249	78	678	24	7	-----	-----
-----	----	-----	-----------	------------	----	----------	-------	-------

149	14	249	8	68	24	7	-----	-----
-----	----	-----	----------	-----------	----	----------	-------	-------

149	14	249	8	6	24	7	-----	-----
-----	----	-----	---	----------	----	----------	-------	-------

Solution 355:

19	24 <u>569</u>	39	135	1359	<u>1369</u>	<u>123469</u>	-----	-----
-----------	---------------	-----------	------------	-------------	-------------	---------------	-------	-------

19	246	39	135	1359	6	246	-----	-----
----	------------	----	-----	------	----------	------------	-------	-------

19	24	39	135	1359	6	24	-----	-----
----	-----------	----	-----	------	---	-----------	-------	-------

Solution 356:

2456	246	<u>12</u> 49	26	<u>12</u> 59	56	-----	-----	-----
-------------	------------	--------------	-----------	--------------	-----------	-------	-------	-------

2456	246	19	26	19	56	-----	-----	-----
------	-----	-----------	----	-----------	----	-------	-------	-------

Solution 357:

<u>13</u> 79	<u>13</u> 89	78	178	78	-----	-----	-----	-----
--------------	--------------	-----------	------------	-----------	-------	-------	-------	-------

39	39	78	178	78	-----	-----	-----	-----
-----------	-----------	----	-----	----	-------	-------	-------	-------

Solution 358:

<u>13</u> 79	139	67	267	267	<u>6</u> 79	-----	-----	-----
--------------	-----	-----------	------------	------------	-------------	-------	-------	-------

139	139	67	267	267	9	-----	-----	-----
------------	------------	----	-----	-----	----------	-------	-------	-------

13	13	67	267	267	9	-----	-----	-----
-----------	-----------	----	-----	-----	---	-------	-------	-------

Solution 359:

579	579	<u>4</u> 78	<u>24</u> 7 <u>8</u> 9	<u>2</u> 578	579	-----	-----	-----
------------	------------	-------------	------------------------	--------------	------------	-------	-------	-------

579	579	48	248	28	579	-----	-----	-----
-----	-----	-----------	------------	-----------	-----	-------	-------	-------

Solution 360:

678	68	<u>4</u> 57	<u>4</u> 7	67	-----	-----	-----	-----
------------	-----------	-------------	------------	-----------	-------	-------	-------	-------

678	68	4 5	4	67	-----	-----	-----	-----
-----	----	------------	----------	----	-------	-------	-------	-------

678	68	5	4	67	-----	-----	-----	-----
-----	----	---	---	----	-------	-------	-------	-------

Solution 361:

<u>12</u> 5 <u>6</u> 79	12	<u>6</u> 79	159	29	159	-----	-----	-----
-------------------------	-----------	-------------	------------	-----------	------------	-------	-------	-------

67	12	67	159	29	159	-----	-----	-----
-----------	----	-----------	-----	----	-----	-------	-------	-------

Solution 362:

2349	29	2349	<u>4</u> 689	<u>6</u> 89	39	-----	-----	-----
-------------	-----------	-------------	--------------	-------------	-----------	-------	-------	-------

2349	29	2349	68	68	39	-----	-----	-----
------	----	------	-----------	-----------	----	-------	-------	-------

Solution 363:

<u>1</u> 4 <u>5</u> 9	<u>1</u> 4 <u>5</u> 69	<u>1</u> 34 <u>5</u> 9	<u>1</u> 34 <u>5</u> 69	15	15	-----	-----	-----
-----------------------	------------------------	------------------------	-------------------------	-----------	-----------	-------	-------	-------

49	469	349	3469	15	15	-----	-----	-----
-----------	------------	------------	-------------	----	----	-------	-------	-------

Solution 364:

<u>4</u> 69	<u>3</u> 46	39	27	24	47	<u>12</u> 47	-----	-----
-------------	-------------	----	-----------	-----------	-----------	--------------	-------	-------

69	36	39	27	24	47	1	-----	-----
-----------	-----------	-----------	----	----	----	----------	-------	-------

Solution 365:

<u>1</u> 59	56	56	<u>1</u> 69	-----	-----	-----	-----	-----
-------------	-----------	-----------	-------------	-------	-------	-------	-------	-------

19	56	56	19	-----	-----	-----	-----	-----
-----------	----	----	-----------	-------	-------	-------	-------	-------

Solution 366:

145	145	<u>12</u> 57	15	<u>12</u> 57	-----	-----	-----	-----
------------	------------	--------------	-----------	--------------	-------	-------	-------	-------

145	145	27	15	27	-----	-----	-----	-----
-----	-----	-----------	----	-----------	-------	-------	-------	-------

Solution 367:

49	34	15	39	<u>4</u> 5	27	<u>4</u> 578	<u>12</u> 4578	-----
-----------	-----------	----	-----------	------------	----	--------------	----------------	-------

49	34	<u>1</u> 5	39	5	27	578	12 578	-----
----	----	------------	----	----------	----	------------	---------------	-------

49	34	1	39	5	27	78	<u>1</u> 278	-----
----	----	----------	----	---	----	-----------	--------------	-------

49	34	1	39	5	27	78	278	-----
----	----	---	----	---	----	-----------	------------	-------

Solution 368:

<u>12</u> 57	15	<u>12</u> 57	156	56	-----	-----	-----	-----
--------------	-----------	--------------	------------	-----------	-------	-------	-------	-------

27	15	27	156	56	-----	-----	-----	-----
-----------	----	-----------	-----	----	-------	-------	-------	-------

Solution 369:

39	578	78	58	<u>6</u> 789	<u>36</u> 789	-----	-----	-----
----	------------	-----------	-----------	--------------	---------------	-------	-------	-------

39	578	78	58	69	369	-----	-----	-----
----	-----	----	----	-----------	------------	-------	-------	-------

Solution 370:

79	128	69	28	<u>18</u> 9	67	-----	-----	-----
-----------	-----	-----------	----	-------------	-----------	-------	-------	-------

79	128	69	28	18	67	-----	-----	-----
----	-----	----	----	-----------	----	-------	-------	-------

Solution 371:

<u>12</u> 3789	<u>1</u> 3789	<u>1</u> 389	127	17	27	-----	-----	-----
----------------	---------------	--------------	------------	-----------	-----------	-------	-------	-------

389	389	389	127	17	27	-----	-----	-----
------------	------------	------------	-----	----	----	-------	-------	-------

Solution 372:

<u>123478</u>	<u>1248</u>	37	1347	14	37	-----	-----	-----
---------------	-------------	-----------	-------------	-----------	-----------	-------	-------	-------

28	28	37	1347	14	37	-----	-----	-----
-----------	-----------	----	------	----	----	-------	-------	-------

Solution 373:

67	<u>127</u>	<u>129</u>	679	679	-----	-----	-----	-----
-----------	------------	------------	------------	------------	-------	-------	-------	-------

67	12	12	679	679	-----	-----	-----	-----
----	-----------	-----------	-----	-----	-------	-------	-------	-------

Solution 374:

28	<u>679</u>	<u>278</u>	29	89	-----	-----	-----	-----
-----------	------------	------------	-----------	-----------	-------	-------	-------	-------

28	67	7	29	89	-----	-----	-----	-----
----	-----------	---	----	----	-------	-------	-------	-------

28	6	7	29	89	-----	-----	-----	-----
----	----------	---	----	----	-------	-------	-------	-------

Solution 375:

37	<u>178</u>	378	<u>167</u>	<u>3467</u>	<u>2479</u>	78	<u>24789</u>	-----
-----------	------------	------------	------------	-------------	-------------	-----------	--------------	-------

37	1	378	16	46	249	78	249	-----
----	----------	-----	-----------	-----------	------------	----	------------	-------

37	1	378	6	<u>46</u>	249	78	249	-----
----	---	-----	----------	-----------	-----	----	-----	-------

37	1	378	6	4	<u>249</u>	78	<u>249</u>	-----
----	---	-----	---	----------	------------	----	------------	-------

37	1	378	6	4	29	78	29	-----
----	---	-----	---	---	-----------	----	-----------	-------

Solution 376:

456	4567	<u>2456</u>	457	47	<u>248</u>	-----	-----	-----
------------	-------------	-------------	------------	-----------	------------	-------	-------	-------

456	4567	2	457	47	28	-----	-----	-----
-----	------	----------	-----	----	-----------	-------	-------	-------

456	4567	2	457	47	8	-----	-----	-----
-----	------	---	-----	----	----------	-------	-------	-------

Solution 377:

48	<u>1458</u>	<u>1458</u>	238	234	234	-----	-----	-----
-----------	-------------	-------------	------------	------------	------------	-------	-------	-------

48	15	15	238	234	234	-----	-----	-----
----	-----------	-----------	-----	-----	-----	-------	-------	-------

Solution 378:

234	<u>12</u> 7	<u>34</u> 7	234	24	-----	-----	-----	-----
------------	-------------	-------------	------------	-----------	-------	-------	-------	-------

234	17	7	234	24	-----	-----	-----	-----
-----	-----------	---	-----	----	-------	-------	-------	-------

234	1	7	234	24	-----	-----	-----	-----
-----	----------	---	-----	----	-------	-------	-------	-------

Solution 379:

47	39	23	467	239	<u>26</u> 9	-----	-----	-----
----	-----------	-----------	-----	------------	-------------	-------	-------	-------

47	39	23	<u>46</u> 7	239	6	-----	-----	-----
----	----	----	-------------	-----	----------	-------	-------	-------

47	39	23	47	239	6	-----	-----	-----
----	----	----	-----------	-----	---	-------	-------	-------

Solution 380:

<u>14</u> 5	157	67	135	13	36	-----	-----	-----
-------------	-----	----	-----	----	----	-------	-------	-------

4	157	67	135	13	36	-----	-----	-----
----------	-----	----	-----	----	----	-------	-------	-------

Solution 381:

<u>45</u> 78	789	<u>17</u> 89	45	14	45	-----	-----	-----
--------------	-----	--------------	-----------	-----------	-----------	-------	-------	-------

78	789	789	45	14	45	-----	-----	-----
-----------	-----	------------	----	----	----	-------	-------	-------

Solution 382:

<u>35</u> 6	<u>12</u> 36	<u>34</u> 56	45	14	45	-----	-----	-----
-------------	--------------	--------------	-----------	-----------	-----------	-------	-------	-------

36	236	6	45	14	45	-----	-----	-----
-----------	------------	----------	----	----	----	-------	-------	-------

3	23	6	45	14	45	-----	-----	-----
----------	-----------	---	----	----	----	-------	-------	-------

3	2	6	45	14	45	-----	-----	-----
---	----------	---	----	----	----	-------	-------	-------

Solution 383:

<u>246</u> 89	68	<u>26</u> 89	168	<u>246</u> 78	168	<u>126</u> 78	-----	-----
---------------	-----------	--------------	------------	---------------	------------	---------------	-------	-------

249	68	29	168	247	168	27	-----	-----
------------	----	-----------	-----	------------	-----	-----------	-------	-------

Solution 384:

68	<u>135</u> 8	67	<u>135</u> 6	<u>136</u> 7	789	789	-----	-----
-----------	--------------	-----------	--------------	--------------	------------	------------	-------	-------

68	135	67	135	13	789	789	-----	-----
----	------------	----	------------	-----------	-----	-----	-------	-------

Solution 385:

<u>12</u> 689	<u>16</u> 89	23	1236	26	1236	-----	-----	-----
---------------	--------------	-----------	-------------	-----------	-------------	-------	-------	-------

89	89	23	1236	26	1236	-----	-----	-----
-----------	-----------	----	------	----	------	-------	-------	-------

Solution 386:

47	478	78	<u>45</u> 8	<u>26</u> 78	<u>256</u> 8	-----	-----	-----
-----------	------------	-----------	-------------	--------------	--------------	-------	-------	-------

47	478	78	5	26	256	-----	-----	-----
----	-----	----	----------	-----------	------------	-------	-------	-------

47	478	78	5	26	26	-----	-----	-----
----	-----	----	---	----	-----------	-------	-------	-------

Solution 387:

457	<u>34</u> 5	38	<u>35</u> 8	<u>234</u> 78	38	-----	-----	-----
-----	-------------	-----------	-------------	---------------	-----------	-------	-------	-------

457	45	38	5	247	38	-----	-----	-----
-----	-----------	----	----------	------------	----	-------	-------	-------

47	4	38	5	<u>24</u> 7	38	-----	-----	-----
-----------	----------	----	---	-------------	----	-------	-------	-------

7	4	38	5	<u>27</u>	38	-----	-----	-----
----------	----------	----	---	-----------	----	-------	-------	-------

7	4	38	5	2	38	-----	-----	-----
---	---	----	---	----------	----	-------	-------	-------

Solution 388:

26	<u>264</u> 8	<u>246</u> 78	267	267	-----	-----	-----	-----
-----------	--------------	---------------	------------	------------	-------	-------	-------	-------

26	48	48	267	267	-----	-----	-----	-----
----	-----------	-----------	-----	-----	-------	-------	-------	-------

Solution 389:

16	16	<u>16</u> 8	<u>67</u> 9	<u>678</u> 9	-----	-----	-----	-----
-----------	-----------	-------------	-------------	--------------	-------	-------	-------	-------

16	16	8	79	789	-----	-----	-----	-----
----	----	----------	-----------	------------	-------	-------	-------	-------

16	16	8	79	79	-----	-----	-----	-----
----	----	---	----	-----------	-------	-------	-------	-------

Solution 390:

<u>234</u> 79	279	<u>234</u>	38	348	68	3468	-----	-----
---------------	-----	------------	-----------	------------	-----------	-------------	-------	-------

<u>279</u>	<u>279</u>	2	38	348	68	3468	-----	-----
------------	------------	----------	----	-----	----	------	-------	-------

79	79	2	38	348	68	3468	-----	-----
-----------	-----------	---	----	-----	----	------	-------	-------

Solution 391:

<u>5</u> 6	23	1234	234	123	<u>1</u> 5	-----	-----	-----
------------	-----------	-------------	------------	------------	------------	-------	-------	-------

<u>5</u> 6	23	1234	234	123	5	-----	-----	-----
------------	----	------	-----	-----	----------	-------	-------	-------

6	23	1234	234	123	5	-----	-----	-----
----------	----	------	-----	-----	---	-------	-------	-------

Solution 392:

58	23 <u>5</u>	23 <u>5</u> 7	57	578	-----	-----	-----	-----
-----------	-------------	---------------	-----------	------------	-------	-------	-------	-------

58	23	23	57	578	-----	-----	-----	-----
----	-----------	-----------	----	-----	-------	-------	-------	-------

Solution 393:

<u>1</u> 36	37	<u>1</u> 36 <u>7</u> 8	137	17	-----	-----	-----	-----
-------------	-----------	------------------------	------------	-----------	-------	-------	-------	-------

6	37	68	137	17	-----	-----	-----	-----
----------	----	-----------	-----	----	-------	-------	-------	-------

6	37	8	137	17	-----	-----	-----	-----
---	----	----------	-----	----	-------	-------	-------	-------

Solution 394:

<u>2</u> 346	<u>2</u> 6	25	12	125	<u>3</u> 567	<u>1</u> 3467	-----	-----
--------------	------------	-----------	-----------	------------	--------------	---------------	-------	-------

34 <u>6</u>	6	25	12	125	3 <u>6</u> 7	34 <u>6</u> 7	-----	-----
--------------------	----------	----	----	-----	---------------------	----------------------	-------	-------

34	6	25	12	125	37	347	-----	-----
-----------	---	----	----	-----	-----------	------------	-------	-------

Solution 395:

47	<u>1</u> 2 <u>3</u> 4	238	147	14	<u>7</u> 8	-----	-----	-----
-----------	-----------------------	-----	------------	-----------	------------	-------	-------	-------

47	23	23 <u>8</u>	147	14	8	-----	-----	-----
----	-----------	-------------	-----	----	----------	-------	-------	-------

47	23	23	147	14	8	-----	-----	-----
----	----	-----------	-----	----	---	-------	-------	-------

Solution 396:

<u>3</u> 5 <u>7</u> 9	<u>1</u> 3 <u>4</u> 5 <u>7</u> 9	47	<u>7</u> 89	<u>1</u> 789	14	147	-----	-----
-----------------------	----------------------------------	-----------	-------------	--------------	-----------	------------	-------	-------

3 <u>5</u> 9	3 <u>5</u> 9	47	89	89	14	147	-----	-----
---------------------	---------------------	----	-----------	-----------	----	-----	-------	-------

35	35	47	89	89	14	147	-----	-----
-----------	-----------	----	----	----	----	-----	-------	-------

Solution 397:

<u>2</u> 3 <u>5</u> 69	<u>1</u> 2 <u>3</u> 5 <u>6</u> 9	67	579	59	569	<u>1</u> 3 <u>5</u> 6	-----	-----
------------------------	----------------------------------	-----------	------------	-----------	------------	-----------------------	-------	-------

23	123	67	579	59	569	13	-----	-----
-----------	------------	----	-----	----	-----	-----------	-------	-------

Solution 398:

14679	14679	35	57	34	39	47	-----	-----
--------------	--------------	----	----	----	----	----	-------	-------

16	16	35	57	34	39	47	-----	-----
-----------	-----------	----	----	----	-----------	----	-------	-------

16	16	35	57	34	9	47	-----	-----
----	----	----	----	----	----------	----	-------	-------

Solution 399:

27	16	<u>267</u>	27	<u>147</u>	-----	-----	-----	-----
-----------	----	------------	-----------	------------	-------	-------	-------	-------

27	<u>16</u>	6	27	14	-----	-----	-----	-----
----	-----------	----------	----	-----------	-------	-------	-------	-------

27	1	6	27	<u>14</u>	-----	-----	-----	-----
----	----------	---	----	-----------	-------	-------	-------	-------

27	1	6	27	4	-----	-----	-----	-----
----	---	---	----	----------	-------	-------	-------	-------

Solution 400:

125	<u>1467</u>	125	<u>256</u>	124	45	-----	-----	-----
------------	-------------	------------	------------	------------	-----------	-------	-------	-------

125	<u>67</u>	125	6	124	45	-----	-----	-----
-----	-----------	-----	----------	-----	----	-------	-------	-------

125	7	125	6	124	45	-----	-----	-----
-----	----------	-----	---	-----	----	-------	-------	-------

Solution 401:

49	14	<u>1368</u>	139	<u>3489</u>	134	-----	-----	-----
-----------	-----------	-------------	------------	-------------	------------	-------	-------	-------

49	14	<u>68</u>	139	8	134	-----	-----	-----
----	----	-----------	-----	----------	-----	-------	-------	-------

49	14	6	139	8	134	-----	-----	-----
----	----	----------	-----	---	-----	-------	-------	-------

Solution 402:

<u>35</u>	<u>1258</u>	125	25	12	-----	-----	-----	-----
-----------	-------------	------------	-----------	-----------	-------	-------	-------	-------

3	8	125	25	12	-----	-----	-----	-----
----------	----------	-----	----	----	-------	-------	-------	-------

Solution 403:

<u>34679</u>	346	34	<u>1457</u>	<u>39</u>	157	46	-----	-----
--------------	------------	-----------	-------------	-----------	-----	-----------	-------	-------

79	346	34	157	9	157	46	-----	-----
-----------	-----	----	------------	----------	-----	----	-------	-------

7	346	34	<u>157</u>	9	<u>157</u>	46	-----	-----
----------	-----	----	------------	---	------------	----	-------	-------

7	346	34	15	9	15	46	-----	-----
---	-----	----	-----------	---	-----------	----	-------	-------

Solution 404:

<u>12347</u>	<u>12347</u>	247	24	47	-----	-----	-----	-----
--------------	--------------	------------	-----------	-----------	-------	-------	-------	-------

13	13	247	24	47	-----	-----	-----	-----
-----------	-----------	-----	----	----	-------	-------	-------	-------

Solution 405:

247	<u>246789</u>	24	<u>2458</u>	<u>248</u>	47	<u>456789</u>	-----	-----
------------	---------------	-----------	-------------	------------	-----------	---------------	-------	-------

247	689	24	58	8	47	5689	-----	-----
-----	------------	----	-----------	----------	----	-------------	-------	-------

247	69	24	5	8	47	569	-----	-----
-----	-----------	----	----------	----------	----	------------	-------	-------

247	69	24	5	8	47	69	-----	-----
-----	----	----	---	---	----	-----------	-------	-------

Solution 406:

<u>1357</u>	35	3458	48	<u>14578</u>	458	-----	-----	-----
-------------	-----------	-------------	-----------	--------------	------------	-------	-------	-------

17	35	3458	48	17	458	-----	-----	-----
-----------	----	------	----	-----------	-----	-------	-------	-------

Solution 407:

<u>34569</u>	367	34	347	<u>34569</u>	67	-----	-----	-----
--------------	------------	-----------	------------	--------------	-----------	-------	-------	-------

59	367	34	347	59	67	-----	-----	-----
-----------	-----	----	-----	-----------	----	-------	-------	-------

Solution 408:

<u>368</u>	<u>3468</u>	<u>168</u>	18	347	18	-----	-----	-----
------------	-------------	------------	-----------	-----	-----------	-------	-------	-------

36	346	6	18	347	18	-----	-----	-----
-----------	------------	----------	----	-----	----	-------	-------	-------

3	34	6	18	<u>347</u>	18	-----	-----	-----
----------	-----------	---	----	------------	----	-------	-------	-------

3	4	6	18	47	18	-----	-----	-----
---	----------	---	----	-----------	----	-------	-------	-------

3	4	6	18	7	18	-----	-----	-----
---	---	---	----	----------	----	-------	-------	-------

Solution 409:

5689	5689	568	<u>268</u>	59	<u>23489</u>	<u>234568</u>	-----	-----
-------------	-------------	------------	------------	-----------	--------------	---------------	-------	-------

5689	5689	568	2	59	234	234	-----	-----
------	------	-----	----------	----	------------	------------	-------	-------

5689	5689	568	2	59	34	34	-----	-----
------	------	-----	---	----	-----------	-----------	-------	-------

Solution 410:

<u>13</u> 49	237	234	<u>134</u> 78	34	89	27	-----	-----
--------------	------------	------------	---------------	-----------	----	-----------	-------	-------

19	237	234	18	34	89	27	-----	-----
-----------	-----	-----	-----------	----	----	----	-------	-------

Solution 411:

78	789	<u>123</u> 78	3789	<u>123</u> 8	37	-----	-----	-----
-----------	------------	---------------	-------------	--------------	-----------	-------	-------	-------

78	789	12	3789	12	37	-----	-----	-----
----	-----	-----------	------	-----------	----	-------	-------	-------

Solution 412:

2679	35679	39	2359	29	39	-----	-----	-----
-------------	--------------	-----------	------	----	----	-------	-------	-------

67	67	39	<u>235</u> 9	<u>29</u>	39	-----	-----	-----
-----------	-----------	-----------	--------------	-----------	-----------	-------	-------	-------

67	67	39	<u>25</u>	2	39	-----	-----	-----
----	----	----	-----------	----------	----	-------	-------	-------

67	67	39	5	2	39	-----	-----	-----
----	----	----	----------	----------	----	-------	-------	-------

Solution 413:

34	789	<u>139</u>	13	14	78	-----	-----	-----
-----------	-----	------------	-----------	-----------	----	-------	-------	-------

34	<u>789</u>	9	13	14	78	-----	-----	-----
----	------------	----------	----	----	----	-------	-------	-------

34	78	9	13	14	78	-----	-----	-----
----	-----------	---	----	----	----	-------	-------	-------

Solution 414:

78	16	<u>789</u>	19	169	-----	-----	-----	-----
----	-----------	------------	-----------	------------	-------	-------	-------	-------

78	16	78	19	169	-----	-----	-----	-----
----	----	-----------	----	-----	-------	-------	-------	-------

Solution 415:

48	49	<u>478</u> 9	<u>124</u> 68	<u>145</u> 9	489	<u>24</u> 68	<u>345</u> 9	<u>347</u> 89
-----------	-----------	--------------	---------------	--------------	------------	--------------	--------------	---------------

48	49	7	126	15	489	26	35	37
----	----	----------	------------	-----------	-----	-----------	-----------	-----------

48	49	7	126	15	489	26	<u>35</u>	3
----	----	---	-----	----	-----	----	-----------	----------

48	49	7	126	<u>15</u>	489	26	5	3
----	----	---	-----	-----------	-----	----	----------	---

48	49	7	<u>126</u>	1	489	26	5	3
----	----	---	------------	----------	-----	----	---	---

48	49	7	26	1	489	26	5	3
----	----	---	-----------	---	-----	----	---	---

Solution 416:

79	3489	49	57	38	25	24	-----	-----
----	-------------	----	----	-----------	----	----	-------	-------

79	38	49	57	38	25	24	-----	-----
----	-----------	----	----	----	----	----	-------	-------

Solution 417:

<u>378</u>	<u>468</u>	79	38	49	18	13	-----	-----
------------	------------	----	-----------	----	-----------	-----------	-------	-------

<u>7</u>	46	<u>79</u>	38	49	18	13	-----	-----
----------	-----------	-----------	----	----	----	----	-------	-------

7	46	9	38	<u>49</u>	18	13	-----	-----
---	----	----------	----	-----------	----	----	-------	-------

7	<u>46</u>	9	38	4	18	13	-----	-----
---	-----------	---	----	----------	----	----	-------	-------

7	6	9	38	4	18	13	-----	-----
---	----------	---	----	---	----	----	-------	-------

Solution 418:

1259	1259	4589	259	259	4589	-----	-----	-----
------	------	-------------	-----	-----	-------------	-------	-------	-------

1259	1259	48	259	259	48	-----	-----	-----
------	------	-----------	-----	-----	-----------	-------	-------	-------

Solution 419:

<u>259</u>	59	<u>2578</u>	59	<u>789</u>	-----	-----	-----	-----
------------	-----------	-------------	-----------	------------	-------	-------	-------	-------

2	59	<u>278</u>	59	78	-----	-----	-----	-----
----------	----	-------------------	----	-----------	-------	-------	-------	-------

2	59	78	59	78	-----	-----	-----	-----
---	----	-----------	----	----	-------	-------	-------	-------

Solution 420:

<u>2456</u>	<u>245</u>	<u>46</u>	19	149	49	-----	-----	-----
-------------	------------	-----------	-----------	------------	-----------	-------	-------	-------

<u>256</u>	25	6	19	149	49	-----	-----	-----
-------------------	-----------	----------	----	-----	----	-------	-------	-------

25	25	6	19	149	49	-----	-----	-----
-----------	----	---	----	-----	----	-------	-------	-------

Solution 421:

49	149	<u>25689</u>	<u>12459</u>	49	<u>1268</u>	2568	-----	-----
-----------	------------	--------------	--------------	-----------	-------------	------	-------	-------

49	149	2568	25	49	268	2568	-----	-----
----	-----	-------------	-----------	----	------------	------	-------	-------

Solution 422:

26	<u>35</u>	<u>234569</u>	<u>24569</u>	236	236	-----	-----	-----
-----------	-----------	---------------	--------------	------------	------------	-------	-------	-------

26	5	459	459	236	236	-----	-----	-----
----	----------	------------	------------	-----	-----	-------	-------	-------

26	5	49	49	236	236	-----	-----	-----
----	---	-----------	-----------	-----	-----	-------	-------	-------

Solution 423:

256	35	26	378	37	3578	-----	-----	-----
------------	----	-----------	-----	----	------	-------	-------	-------

26	35	26	378	37	3578	-----	-----	-----
-----------	----	----	-----	----	------	-------	-------	-------

Solution 424:

289	2389	369	28	369	<u>2479</u>	<u>3789</u>	-----	-----
------------	-------------	------------	-----------	------------	-------------	-------------	-------	-------

289	2389	369	28	369	47	7	-----	-----
-----	------	-----	----	-----	-----------	----------	-------	-------

289	2389	369	28	369	4	7	-----	-----
-----	------	-----	----	-----	----------	---	-------	-------

Solution 425:

35789	235789	57	257	578	1578	1578	-----	-----
--------------	---------------	----	-----	-----	------	------	-------	-------

39	39	57	257	578	1578	1578	-----	-----
-----------	-----------	----	-----	-----	------	------	-------	-------

Solution 426:

3456	56	356	<u>69</u>	45	<u>249</u>	-----	-----	-----
-------------	-----------	------------	-----------	-----------	------------	-------	-------	-------

3456	56	356	9	45	29	-----	-----	-----
------	----	-----	----------	----	-----------	-------	-------	-------

3456	56	356	9	45	2	-----	-----	-----
------	----	-----	---	----	----------	-------	-------	-------

Solution 427:

<u>126</u>	23	<u>378</u>	<u>23678</u>	12	123	-----	-----	-----
------------	-----------	------------	--------------	-----------	------------	-------	-------	-------

6	23	78	678	12	123	-----	-----	-----
----------	----	-----------	------------	----	-----	-------	-------	-------

6	23	78	78	12	123	-----	-----	-----
---	----	----	-----------	----	-----	-------	-------	-------

Solution 428:

127	1257	127	234679	2567	2679	123469	126	-----
-----	------	-----	---------------	------	------	---------------	-----	-------

127	1257	127	34	2567	2679	34	126	-----
-----	------	-----	-----------	------	-------------	-----------	-----	-------

127	1257	127	34	2567	9	34	126	-----
-----	------	-----	----	------	----------	----	-----	-------

Solution 429:

2489	248	2489	49	3789	23789	-----	-----	-----
------	-----	------	----	------	-------	-------	-------	-------

2489	248	2489	49	37	37	-----	-----	-----
------	-----	------	----	----	----	-------	-------	-------

Solution 430:

458	2568	2458	59	79	46	57	-----	-----
-----	------	------	----	----	----	----	-------	-------

48	268	248	59	79	46	57	-----	-----
----	-----	-----	----	----	----	----	-------	-------

Solution 431:

569	569	13678	357	1578	56	35678	-----	-----
-----	-----	-------	-----	------	----	-------	-------	-------

569	569	1378	37	178	56	378	-----	-----
-----	-----	------	----	-----	----	-----	-------	-------

Solution 432:

39	389	1378	17	489	389	-----	-----	-----
----	-----	------	----	-----	-----	-------	-------	-------

39	389	17	17	489	389	-----	-----	-----
----	-----	----	----	-----	-----	-------	-------	-------

39	389	17	17	4	389	-----	-----	-----
----	-----	----	----	---	-----	-------	-------	-------

Solution 433:

48	4569	248	2489	2568	28	-----	-----	-----
----	------	-----	------	------	----	-------	-------	-------

48	569	248	9	56	28	-----	-----	-----
----	-----	-----	---	----	----	-------	-------	-------

48	56	248	9	56	28	-----	-----	-----
----	----	-----	---	----	----	-------	-------	-------

Solution 434:

34	3489	389	1378	38	1378	-----	-----	-----
----	------	-----	------	----	------	-------	-------	-------

34	3489	389	17	38	17	-----	-----	-----
----	------	-----	----	----	----	-------	-------	-------

Solution 435:

459	15679	1678	48	1678	167	167	-----	-----
-----	-------	------	----	------	-----	-----	-------	-------

459	59	1678	4	1678	167	167	-----	-----
-----	----	------	---	------	-----	-----	-------	-------

59	59	1678	4	1678	167	167	-----	-----
----	----	------	---	------	-----	-----	-------	-------

Solution 436:

27	12	<u>123</u> 79	127	<u>13</u> 79	-----	-----	-----	-----
-----------	-----------	---------------	------------	--------------	-------	-------	-------	-------

27	12	39	127	39	-----	-----	-----	-----
----	----	-----------	-----	-----------	-------	-------	-------	-------

Solution 437:

<u>178</u> 9	18	18	148	<u>147</u> 89	-----	-----	-----	-----
--------------	-----------	-----------	------------	---------------	-------	-------	-------	-------

79	18	18	148	79	-----	-----	-----	-----
-----------	----	----	-----	-----------	-------	-------	-------	-------

Solution 438:

<u>23</u> 4	<u>34</u> 56	135	<u>13</u> 6	13	135	-----	-----	-----
-------------	--------------	------------	-------------	-----------	------------	-------	-------	-------

24	46	135	6	13	135	-----	-----	-----
-----------	-----------	-----	----------	----	-----	-------	-------	-------

24	4	135	6	13	135	-----	-----	-----
-----------	----------	-----	----------	----	-----	-------	-------	-------

2	4	135	6	13	135	-----	-----	-----
----------	----------	-----	----------	----	-----	-------	-------	-------

Solution 439:

245	48	479	4789	4789	2459	-----	-----	-----
------------	----	-----	------	------	-------------	-------	-------	-------

25	48	479	4789	4789	25	-----	-----	-----
-----------	----	-----	------	------	-----------	-------	-------	-------

Solution 440:

<u>1357</u>	47	<u>3457</u>	24	<u>34</u> 9	<u>178</u> 9	278	78	-----
-------------	-----------	-------------	-----------	-------------	--------------	------------	-----------	-------

135	47	35	24	39	19	278	78	-----
------------	----	-----------	----	-----------	-----------	-----	----	-------

Solution 441:

2345	234	4567	457	567	567	-----	-----	-----
-------------	------------	------	-----	-----	-----	-------	-------	-------

23	23	4567	457	567	567	-----	-----	-----
-----------	-----------	------	-----	-----	-----	-------	-------	-------

Solution 442:

459	45	<u>356</u> 9	<u>356</u> 9	49	-----	-----	-----	-----
------------	-----------	--------------	--------------	-----------	-------	-------	-------	-------

459	45	36	36	49	-----	-----	-----	-----
-----	----	-----------	-----------	----	-------	-------	-------	-------

Solution 443:

<u>12</u> 79	579	134 <u>5</u> 9	<u>3</u> 59	<u>24</u> 79	579	579	-----	-----
--------------	------------	----------------	-------------	--------------	------------	------------	-------	-------

12	579	134	3	24	579	579	-----	-----
-----------	-----	------------	----------	-----------	-----	-----	-------	-------

12	579	14	3	24	579	579	-----	-----
----	-----	-----------	---	----	-----	-----	-------	-------

Solution 444:

<u>13</u> 4	235	<u>12</u> 6	<u>45</u> 6	35	235	-----	-----	-----
-------------	------------	-------------	-------------	-----------	------------	-------	-------	-------

14	235	16	46	35	235	-----	-----	-----
-----------	-----	-----------	-----------	----	-----	-------	-------	-------

Solution 445:

39	<u>35</u> 79	36	16	13	<u>3</u> 57	-----	-----	-----
-----------	--------------	-----------	-----------	-----------	-------------	-------	-------	-------

39	57	36	16	13	57	-----	-----	-----
-----------	-----------	----	----	----	-----------	-------	-------	-------

9	57	36	16	13	57	-----	-----	-----
----------	----	----	----	----	----	-------	-------	-------

Solution 446:

34	<u>12</u> 68	48	<u>123</u> 46	234	348	-----	-----	-----
-----------	--------------	-----------	---------------	------------	------------	-------	-------	-------

34	16	48	16	234	348	-----	-----	-----
----	-----------	----	-----------	-----	-----	-------	-------	-------

Solution 447:

239	<u>34</u> 569	<u>23</u> 45	<u>123</u> 569	239	<u>12</u> 3	39	-----	-----
------------	---------------	--------------	----------------	------------	-------------	-----------	-------	-------

239	456	45	156	239	1	39	-----	-----
-----	------------	-----------	------------	-----	----------	----	-------	-------

239	456	45	56	239	1	39	-----	-----
-----	-----	----	-----------	-----	---	----	-------	-------

Solution 448:

<u>26</u> 79	<u>25</u> 67	69	389	<u>58</u> 9	68	368	-----	-----
--------------	--------------	-----------	------------	-------------	-----------	------------	-------	-------

27	257	69	389	5	68	368	-----	-----
-----------	------------	----	-----	----------	----	-----	-------	-------

27	27	69	389	5	68	368	-----	-----
----	-----------	----	-----	---	----	-----	-------	-------

Solution 449:

<u>235679</u>	<u>25679</u>	259	59	57	279	-----	-----	-----
---------------	--------------	------------	-----------	-----------	------------	-------	-------	-------

36	6	259	59	57	279	-----	-----	-----
-----------	----------	------------	-----------	-----------	------------	-------	-------	-------

3	6	259	59	57	279	-----	-----	-----
----------	----------	------------	-----------	-----------	------------	-------	-------	-------

Solution 450:

<u>579</u>	67	<u>1367</u>	17	67	<u>1359</u>	-----	-----	-----
------------	-----------	-------------	-----------	-----------	-------------	-------	-------	-------

59	67	3	17	67	359	-----	-----	-----
-----------	-----------	----------	-----------	-----------	------------	-------	-------	-------

59	67	3	17	67	59	-----	-----	-----
-----------	-----------	----------	-----------	-----------	-----------	-------	-------	-------

59	67	3	1	67	59	-----	-----	-----
-----------	-----------	----------	----------	-----------	-----------	-------	-------	-------

Solution 451:

689	<u>158</u>	<u>1259</u>	4689	48	49	<u>1245</u>	-----	-----
------------	------------	-------------	-------------	-----------	-----------	-------------	-------	-------

689	15	125	4689	48	49	125	-----	-----
------------	-----------	------------	-------------	-----------	-----------	------------	-------	-------

Solution 452:

<u>459</u>	17	179	<u>1457</u>	17	-----	-----	-----	-----
------------	-----------	------------	-------------	-----------	-------	-------	-------	-------

45	17	179	45	17	-----	-----	-----	-----
-----------	-----------	------------	-----------	-----------	-------	-------	-------	-------

45	17	9	45	17	-----	-----	-----	-----
-----------	-----------	----------	-----------	-----------	-------	-------	-------	-------

Solution 453:

59	<u>478</u>	259	79	257	<u>4678</u>	<u>25678</u>	-----	-----
-----------	------------	------------	-----------	------------	-------------	--------------	-------	-------

59	48	259	79	257	468	68	-----	-----
-----------	-----------	------------	-----------	------------	------------	-----------	-------	-------

Solution 454:

259	89	258	<u>1789</u>	<u>12578</u>	28	-----	-----	-----
------------	-----------	------------	-------------	--------------	-----------	-------	-------	-------

259	89	258	17	17	28	-----	-----	-----
------------	-----------	------------	-----------	-----------	-----------	-------	-------	-------

Solution 455:

79	45	<u>2379</u>	<u>1359</u>	279	59	245	-----	-----
-----------	-----------	-------------	-------------	------------	-----------	------------	-------	-------

79	45	3	13	279	59	245	-----	-----
-----------	-----------	----------	-----------	------------	-----------	------------	-------	-------

79	45	3	1	279	59	245	-----	-----
-----------	-----------	----------	----------	------------	-----------	------------	-------	-------

Solution 456:

579	59	<u>15679</u>	579	<u>2579</u>	<u>1256</u>	-----	-----	-----
------------	-----------	--------------	------------	-------------	-------------	-------	-------	-------

579	59	16	579	2	126	-----	-----	-----
-----	----	-----------	-----	----------	------------	-------	-------	-------

579	59	16	579	2	16	-----	-----	-----
-----	----	----	-----	---	-----------	-------	-------	-------

Solution 457:

456	456	468	<u>4789</u>	<u>679</u>	468	-----	-----	-----
------------	------------	------------	-------------	------------	------------	-------	-------	-------

456	456	468	79	79	468	-----	-----	-----
-----	-----	-----	-----------	-----------	-----	-------	-------	-------

Solution 458:

<u>235</u>	59	68	39	268	<u>578</u>	26	-----	-----
------------	----	-----------	----	------------	------------	-----------	-------	-------

35	59	68	39	268	57	26	-----	-----
-----------	----	----	----	-----	-----------	----	-------	-------

Solution 459:

<u>135</u>	17	<u>135</u>	<u>2367</u>	127	27	-----	-----	-----
------------	-----------	------------	-------------	------------	-----------	-------	-------	-------

35	17	35	36	127	27	-----	-----	-----
-----------	----	-----------	-----------	-----	----	-------	-------	-------

35	17	35	6	127	27	-----	-----	-----
----	----	----	----------	-----	----	-------	-------	-------

Solution 460:

<u>59</u>	<u>2359</u>	2457	2457	257	247	-----	-----	-----
-----------	-------------	-------------	-------------	------------	------------	-------	-------	-------

9	39	2457	2457	257	247	-----	-----	-----
----------	-----------	------	------	-----	-----	-------	-------	-------

9	3	2457	2457	257	247	-----	-----	-----
---	----------	------	------	-----	-----	-------	-------	-------

Solution 461:

68	89	<u>6789</u>	69	<u>39</u>	-----	-----	-----	-----
-----------	-----------	-------------	-----------	-----------	-------	-------	-------	-------

68	89	7	69	3	-----	-----	-----	-----
----	----	----------	----	----------	-------	-------	-------	-------

Solution 462:

<u>2347</u>	478	457	48	4578	<u>23567</u>	<u>2368</u>	-----	-----
-------------	------------	------------	-----------	-------------	--------------	-------------	-------	-------

23	478	457	48	4578	236	236	-----	-----
-----------	-----	-----	----	------	------------	------------	-------	-------

Solution 463:

<u>4789</u>	<u>146789</u>	16	<u>1469</u>	169	19	-----	-----	-----
-------------	---------------	-----------	-------------	------------	-----------	-------	-------	-------

478	478	16	4	169	19	-----	-----	-----
------------	------------	----	----------	-----	----	-------	-------	-------

78	78	16	4	169	19	-----	-----	-----
-----------	-----------	----	---	-----	----	-------	-------	-------

Solution 464:

389	389	<u>34789</u>	<u>13489</u>	38	<u>2378</u>	<u>1238</u>	-----	-----
------------	------------	--------------	--------------	-----------	-------------	-------------	-------	-------

389	389	47	14	38	27	12	-----	-----
-----	-----	-----------	-----------	----	-----------	-----------	-------	-------

Solution 465:

159	<u>1469</u>	159	<u>589</u>	<u>4689</u>	59	-----	-----	-----
------------	-------------	------------	------------	-------------	-----------	-------	-------	-------

159	46	159	8	468	59	-----	-----	-----
-----	-----------	-----	----------	------------	----	-------	-------	-------

159	46	159	8	46	59	-----	-----	-----
-----	----	-----	---	-----------	----	-------	-------	-------

Solution 466:

<u>24569</u>	159	46	159	<u>1256</u>	59	-----	-----	-----
--------------	------------	----	------------	-------------	-----------	-------	-------	-------

246	159	46	159	26	59	-----	-----	-----
------------	-----	----	-----	-----------	----	-------	-------	-------

Solution 467:

<u>257</u>	<u>257</u>	19	15	159	-----	-----	-----	-----
------------	------------	-----------	-----------	------------	-------	-------	-------	-------

27	27	19	15	159	-----	-----	-----	-----
-----------	-----------	----	----	-----	-------	-------	-------	-------

Solution 468:

79	289	2789	135	<u>2357</u>	28	<u>37</u>	-----	-----
-----------	------------	-------------	-----	-------------	-----------	-----------	-------	-------

79	289	2789	135	35	28	3	-----	-----
----	-----	------	------------	-----------	----	----------	-------	-------

79	289	2789	15	5	28	3	-----	-----
----	-----	------	-----------	----------	----	---	-------	-------

79	289	2789	1	5	28	3	-----	-----
----	-----	------	----------	---	----	---	-------	-------

Solution 469:

26	<u>2689</u>	246	<u>368</u>	<u>13469</u>	46	<u>1469</u>	-----	-----
-----------	-------------	------------	------------	--------------	-----------	-------------	-------	-------

26	89	246	38	139	46	19	-----	-----
----	-----------	-----	-----------	------------	----	-----------	-------	-------

Solution 470:

49	256	2567	56	<u>145</u> 69	<u>17</u>	67	-----	-----
----	------------	-------------	-----------	----------------------	-----------	-----------	-------	-------

49	256	2567	56	<u>14</u>9	1	67	-----	-----
----	-----	------	----	-------------------	----------	----	-------	-------

49	256	2567	56	49	1	67	-----	-----
----	-----	------	----	-----------	---	----	-------	-------

Solution 471:

1378	69	1679	179	679	3678	-----	-----	-----
-------------	----	------	-----	-----	-------------	-------	-------	-------

38	69	1679	179	679	38	-----	-----	-----
-----------	----	------	-----	-----	-----------	-------	-------	-------

Solution 472:

238	23578	578	2357	1678	378	1368	-----	-----
-----	-------	-----	------	-------------	-----	-------------	-------	-------

238	23578	578	2357	16	378	16	-----	-----
-----	-------	-----	------	-----------	-----	-----------	-------	-------

Solution 473:

38	<u>34</u> 67	<u>46</u> 78	348	389	489	-----	-----	-----
-----------	---------------------	---------------------	------------	------------	------------	-------	-------	-------

38	67	67	348	389	489	-----	-----	-----
----	----	----	-----	-----	-----	-------	-------	-------

Solution 474:

789	389	3789	78	<u>35</u> 68	<u>356</u> 78	-----	-----	-----
------------	------------	-------------	-----------	---------------------	----------------------	-------	-------	-------

789	389	3789	78	56	56	-----	-----	-----
-----	-----	------	----	-----------	-----------	-------	-------	-------

Solution 475:

<u>348</u> 9	<u>348</u> 9	569	56	<u>38</u> 9	56	-----	-----	-----
---------------------	---------------------	------------	-----------	--------------------	-----------	-------	-------	-------

348	348	<u>56</u> 9	56	38	56	-----	-----	-----
------------	------------	--------------------	----	-----------	----	-------	-------	-------

348	348	9	56	38	56	-----	-----	-----
-----	-----	----------	----	----	----	-------	-------	-------

Solution 476:

689	<u>18</u> 9	<u>136</u> 89	89	<u>467</u> 89	689	<u>47</u> 8	-----	-----
------------	--------------------	----------------------	-----------	----------------------	------------	--------------------	-------	-------

689	1	<u>13</u>	89	47	689	47	-----	-----
-----	----------	------------------	----	-----------	-----	-----------	-------	-------

689	1	3	89	47	689	47	-----	-----
-----	---	----------	----	----	-----	----	-------	-------

Solution 477:

<u>5</u> 79	2568	2568	256	68	<u>4</u> 6 <u>7</u> 89	<u>4</u> 6	-----	-----
-------------	-------------	-------------	------------	-----------	------------------------	------------	-------	-------

79	2568	2568	256	68	<u>4</u>79	4	-----	-----
-----------	------	------	-----	----	-------------------	----------	-------	-------

79	2568	2568	256	68	79	4	-----	-----
----	------	------	-----	----	-----------	---	-------	-------

Solution 478:

468	4678	<u>123</u> 7	<u>123</u> 7 <u>8</u>	278	2467	2467	-----	-----
------------	-------------	--------------	-----------------------	------------	-------------	-------------	-------	-------

468	4678	13	13	278	2467	2467	-----	-----
-----	------	-----------	-----------	-----	------	------	-------	-------

Solution 479:

<u>2</u> 3 <u>6</u> 8	267	38	56	27	2567	-----	-----	-----
-----------------------	------------	----	-----------	-----------	-------------	-------	-------	-------

38	267	38	56	27	2567	-----	-----	-----
-----------	-----	----	----	----	------	-------	-------	-------

Solution 480:

469	<u>3</u> 4 <u>6</u>	<u>6</u> 7 <u>9</u>	69	<u>14</u> 6 <u>7</u> 8 <u>9</u>	13 <u>4</u> 678	469	-----	-----
------------	---------------------	---------------------	-----------	---------------------------------	-----------------	------------	-------	-------

469	3	7	69	178	<u>13</u>78	469	-----	-----
-----	----------	----------	----	------------	--------------------	-----	-------	-------

469	3	7	69	<u>1</u> 78	<u>17</u>8	469	-----	-----
-----	---	---	----	-------------	-------------------	-----	-------	-------

469	3	7	69	18	18	469	-----	-----
-----	---	---	----	-----------	-----------	-----	-------	-------

Solution 481:

126	1256	15	<u>1</u> 5 <u>7</u> 9	<u>1</u> 5 <u>7</u> 9	1256	-----	-----	-----
------------	-------------	-----------	-----------------------	-----------------------	-------------	-------	-------	-------

126	1256	15	79	79	1256	-----	-----	-----
-----	------	----	-----------	-----------	------	-------	-------	-------

Solution 482:

<u>4</u> 56	<u>1</u> 2 <u>4</u> 5 <u>6</u>	135	135	15	<u>1</u> 2 <u>5</u> 6	-----	-----	-----
-------------	--------------------------------	------------	------------	-----------	-----------------------	-------	-------	-------

46	246	135	135	15	26	-----	-----	-----
-----------	------------	-----	-----	----	-----------	-------	-------	-------

Solution 483:

167	1467	1467	46	<u>1</u> 5 <u>6</u> 9	<u>14</u> 679	-----	-----	-----
------------	-------------	-------------	-----------	-----------------------	---------------	-------	-------	-------

167	1467	1467	46	<u>5</u>9	9	-----	-----	-----
-----	------	------	----	------------------	----------	-------	-------	-------

167	1467	1467	46	5	9	-----	-----	-----
-----	------	------	----	----------	----------	-------	-------	-------

Solution 484:

1357	157	137	37	<u>467</u>	<u>3467</u>	-----	-----	-----
-------------	------------	------------	-----------	------------	-------------	-------	-------	-------

1357	157	137	37	46	46	-----	-----	-----
------	-----	-----	----	-----------	-----------	-------	-------	-------

Solution 485:

379	359	<u>139</u>	359	379	<u>13679</u>	-----	-----	-----
------------	------------	------------	------------	------------	--------------	-------	-------	-------

379	359	1	359	379	16	-----	-----	-----
-----	-----	----------	-----	-----	-----------	-------	-------	-------

379	359	1	359	379	6	-----	-----	-----
-----	-----	---	-----	-----	----------	-------	-------	-------

Solution 486:

<u>689</u>	19	159	<u>1689</u>	159	-----	-----	-----	-----
------------	-----------	------------	-------------	------------	-------	-------	-------	-------

68	19	159	68	159	-----	-----	-----	-----
-----------	----	-----	-----------	-----	-------	-------	-------	-------

Solution 487:

<u>234569</u>	2369	36	<u>3456</u>	239	239	-----	-----	-----
---------------	-------------	-----------	-------------	------------	------------	-------	-------	-------

45	2369	36	45	239	239	-----	-----	-----
-----------	------	----	-----------	-----	-----	-------	-------	-------

Solution 488:

239	239	23	<u>138</u>	<u>1389</u>	-----	-----	-----	-----
------------	------------	-----------	------------	-------------	-------	-------	-------	-------

239	239	23	18	18	-----	-----	-----	-----
-----	-----	----	-----------	-----------	-------	-------	-------	-------

Solution 489:

<u>2389</u>	<u>239</u>	34	358	3458	58	-----	-----	-----
-------------	------------	-----------	------------	-------------	-----------	-------	-------	-------

29	29	34	358	3458	58	-----	-----	-----
-----------	-----------	----	-----	------	----	-------	-------	-------

Solution 490:

<u>46</u>	15	<u>1578</u>	<u>1478</u>	56	16	-----	-----	-----
-----------	-----------	-------------	-------------	-----------	-----------	-------	-------	-------

4	15	78	478	56	16	-----	-----	-----
----------	----	-----------	------------	----	----	-------	-------	-------

4	15	78	78	56	16	-----	-----	-----
---	----	----	-----------	----	----	-------	-------	-------

Solution 491:

23	<u>23</u> 69	<u>12</u> 469	<u>25</u> 8	145 <u>8</u> 9	28	<u>12</u> 35	38	-----
-----------	--------------	---------------	-------------	----------------	-----------	--------------	-----------	-------

23	69	1469	5	14 <u>5</u> 9	28	15	38	-----
----	-----------	-------------	----------	----------------------	----	-----------	----	-------

23	69	<u>14</u> 69	5	14 9	28	1	38	-----
----	----	--------------	---	-------------	----	----------	----	-------

23	69	469	5	49	28	1	38	-----
----	----	------------	---	-----------	----	---	----	-------

Solution 492:

357	37	<u>13</u> 79	357	<u>12</u> 5	<u>123</u> 579	-----	-----	-----
------------	-----------	--------------	------------	-------------	----------------	-------	-------	-------

357	37	19	357	12	129	-----	-----	-----
-----	----	-----------	-----	-----------	------------	-------	-------	-------

Solution 493:

<u>136</u> 7	<u>136</u> 79	347	349	379	34	-----	-----	-----
--------------	---------------	------------	------------	------------	-----------	-------	-------	-------

16	16	347	349	379	34	-----	-----	-----
-----------	-----------	-----	-----	-----	----	-------	-------	-------

Solution 494:

37	257	14	23	<u>123</u> 47	35	-----	-----	-----
-----------	------------	----	-----------	---------------	-----------	-------	-------	-------

37	257	14	23	14	35	-----	-----	-----
----	-----	----	----	-----------	----	-------	-------	-------

Solution 495:

<u>123</u> 4	237	237	357	<u>134</u> 7	35	-----	-----	-----
--------------	------------	------------	------------	--------------	-----------	-------	-------	-------

14	237	237	357	14	35	-----	-----	-----
-----------	-----	-----	-----	-----------	----	-------	-------	-------

Solution 496:

167	1679	<u>134</u> 57	<u>134</u> 59	1379	139	1369	-----	-----
------------	-------------	---------------	---------------	-------------	------------	-------------	-------	-------

167	1679	45	45	1379	139	1369	-----	-----
-----	------	-----------	-----------	------	-----	------	-------	-------

Solution 497:

<u>134</u> 7	<u>134</u> 578	147	14	<u>14</u> 578	179	19	-----	-----
--------------	----------------	------------	-----------	---------------	------------	-----------	-------	-------

3	358	147	14	58	179	19	-----	-----
----------	------------	-----	----	-----------	-----	----	-------	-------

3	58	147	14	58	179	19	-----	-----
---	-----------	-----	----	-----------	-----	----	-------	-------

Solution 498:

<u>14</u> 5678	56	124	278	178	248	124	-----	-----
----------------	----	------------	------------	------------	------------	------------	-------	-------

56	56	124	278	178	248	124	-----	-----
-----------	----	-----	-----	-----	-----	-----	-------	-------

Solution 499:

249	58	<u>4</u> 568	568	68	<u>24</u> 8	-----	-----	-----
-----	-----------	--------------	------------	-----------	-------------	-------	-------	-------

<u>24</u> 9	58	4	568	68	24	-----	-----	-----
-------------	----	----------	-----	----	-----------	-------	-------	-------

29	58	4	568	68	2	-----	-----	-----
-----------	----	---	-----	----	----------	-------	-------	-------

9	58	4	568	68	2	-----	-----	-----
----------	----	---	-----	----	---	-------	-------	-------

Solution 500:

<u>6</u> 89	<u>24</u> 69	236	23	14	26	<u>23</u> 68	-----	-----
-------------	--------------	------------	-----------	----	-----------	--------------	-------	-------

89	49	236	23	14	26	8	-----	-----
-----------	-----------	-----	----	----	----	----------	-------	-------

9	49	236	23	14	26	8	-----	-----
----------	-----------	-----	----	----	----	---	-------	-------

9	4	236	23	<u>14</u>	26	8	-----	-----
---	----------	-----	----	-----------	----	---	-------	-------

9	4	236	23	1	26	8	-----	-----
---	---	-----	----	----------	----	---	-------	-------