To solve a sujiko puzzle, put numbers 1 to 9 in cells surrounding a circle so that their sum is equal to the number in the circle.

For example, the solution to puzzle in Figure 1 is the following:

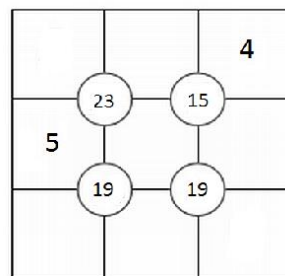| 8	7	4
5	3	1
2	9	6

Figure 1: A Sujiko puzzle

Bear in mind that a solution may not be a unique solution, for example consider the puzzle in figure 2, there are 4 distinct solutions, namely:

5	7	4
8	3	1
2	6	9

8	2	4
7	6	3
5	1	9

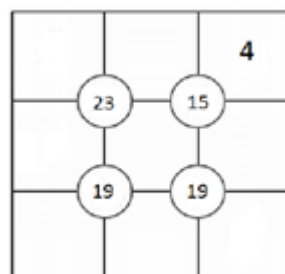| 8	6	4
7	2	3
1	9	5

8	7	4
5	3	1
2	9	6

Figure 2:This puzzle has 4 distinct solutions