

Kakuro: Use the numbers 1 to 9 for each horizontal or vertical sum, the numbers you use must add up to the given number clue. You can not use duplicate numbers in the empty boxes to achieve the given total. For example, two boxes with a clue of "6" can only be "2+4" or "1+5" because "3+3" is a duplicate, this is not allowed.

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| | | 38 | 29 | 18 | 4 | | 13 | 33 | 16 | | 18 | 16 | | | 28 | 12 | 17 | 28 | | 10 | 16 | | | |
| | 22 | 5 | 7 | 9 | 1 | 24 | 7 | 8 | 9 | 39 | 14 | 6 | 8 | | 12 | 24 | 5 | 8 | 9 | 2 | 8 | 1 | 7 | |
| | 26 | 6 | 9 | 8 | 3 | 27 | 1 | 3 | 7 | 9 | 5 | 2 | | 18 | 1 | 2 | 4 | 8 | 3 | 33 | 11 | 2 | 9 | |
| 18 | 7 | 2 | 8 | 1 | 9 | 1 | 2 | 6 | 10 | 7 | 2 | 1 | 15 | 4 | 3 | 1 | | 19 | 15 | 8 | 4 | 7 | | |
| 8 | 2 | 1 | 5 | 7 | 5 | 20 | 8 | 3 | 9 | 14 | 39 | 8 | 4 | 5 | 9 | 6 | 7 | 19 | 9 | 6 | 1 | 2 | | |
| 15 | 8 | 7 | 3 | 2 | 1 | 27 | 10 | 2 | 3 | 4 | 1 | | 41 | 6 | 2 | 4 | 8 | 9 | 5 | 7 | | | | |
| 39 | 9 | 8 | 6 | 5 | 4 | 7 | 39 | 18 | 4 | 9 | 5 | | | 25 | 7 | 30 | 4 | 3 | 1 | 17 | 9 | 8 | 37 | |
| | 14 | 9 | 5 | 21 | 17 | 3 | 5 | 1 | 2 | 6 | | 34 | 8 | 4 | 9 | 6 | 7 | 17 | 12 | 4 | 3 | 1 | 14 | |
| | | 14 | 9 | 5 | 12 | 16 | 9 | 7 | 30 | 5 | | 14 | 7 | 2 | 5 | | 31 | 3 | 8 | 5 | 9 | 4 | 2 | |
| | | 33 | 2 | 1 | 3 | 8 | 6 | 9 | 4 | 30 | 17 | 9 | 3 | 1 | 4 | 21 | 14 | 16 | 9 | 7 | 30 | 16 | 9 | 7 |
| | | 23 | 8 | 6 | 9 | 32 | 3 | 7 | 1 | 9 | 8 | 4 | | 18 | 2 | 7 | 9 | | 10 | 9 | 6 | 3 | 1 | |
| | 14 | 3 | 7 | 4 | 16 | 7 | 1 | 6 | 13 | 8 | 3 | 2 | 14 | 8 | 1 | 2 | 5 | 17 | 8 | 1 | 7 | 5 | 4 | |
| 4 | 3 | 1 | 27 | 2 | 7 | 1 | 9 | 8 | 22 | 7 | 2 | 1 | 5 | 3 | 4 | | 18 | 1 | 2 | 8 | 7 | | | |
| 16 | 9 | 7 | 22 | 3 | 9 | 2 | 8 | | 7 | 6 | 1 | 23 | 9 | 6 | 8 | | 30 | 7 | 6 | 9 | 8 | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|---|----|----|----|----|----|----|----|----|----|----|---|
| | 8 | 30 | 18 | 8 | | 23 | 12 | 12 | 12 | | 34 | 4 | | | 27 | 21 | 16 | | | 19 | 11 | | | |
| 29 | 5 | 9 | 8 | 7 | 11 | 5 | 3 | 1 | 2 | 31 | 11 | 8 | 3 | | 10 | 23 | 8 | 6 | 9 | 31 | 11 | 8 | 3 | |
| 11 | 2 | 5 | 3 | 1 | 30 | 33 | 8 | 9 | 2 | 3 | 6 | 4 | 1 | | 17 | 2 | 3 | 1 | 7 | 4 | 17 | 16 | 9 | 7 |
| 7 | 1 | 4 | 2 | 8 | 7 | 1 | 30 | 6 | 7 | 8 | 9 | | | 20 | 8 | 9 | 3 | 14 | 11 | 3 | 8 | 2 | 1 | |
| | 42 | 6 | 5 | 9 | 8 | 4 | 7 | 3 | 30 | 9 | 7 | 8 | 6 | | 30 | 7 | 4 | 2 | 8 | 9 | | | | |
| 10 | 8 | 2 | 12 | 3 | 6 | 2 | 1 | 7 | 25 | 9 | 7 | 6 | 2 | 1 | 10 | 24 | 22 | 5 | 8 | 9 | | | | |
| 8 | 7 | 1 | | 30 | 9 | 3 | 8 | 2 | 7 | 1 | | 32 | 9 | 4 | 3 | 6 | 2 | 1 | 7 | | 36 | 19 | | |
| 12 | 9 | 3 | | 34 | 11 | 32 | 2 | 1 | 4 | 17 | | 23 | 9 | 6 | 8 | 26 | 27 | | | 17 | 8 | 9 | | |
| | | | 30 | 6 | 2 | 9 | 3 | 4 | 5 | 1 | 21 | 33 | 7 | 5 | 1 | 3 | 9 | 8 | 4 | | 4 | 1 | 3 | |
| | | | 7 | 4 | 1 | 2 | 26 | | 34 | 8 | 9 | 6 | 4 | 7 | 17 | 13 | 2 | 3 | 7 | 1 | 11 | 10 | 3 | 7 |
| | 24 | 9 | 32 | 2 | 9 | 8 | 7 | 6 | 16 | 6 | 7 | 1 | 2 | 23 | 31 | 2 | 5 | 7 | 9 | 3 | 1 | 4 | 21 | |
| 28 | 9 | 6 | 5 | 8 | 11 | 1 | 3 | 7 | | 4 | 23 | 5 | 1 | 9 | 8 | 12 | 4 | 1 | 3 | 16 | 14 | 2 | 5 | 7 |
| 8 | 7 | 1 | 30 | 7 | 1 | 5 | 8 | 9 | 42 | 3 | 7 | 5 | 8 | 6 | 9 | 4 | | 28 | 9 | 5 | 6 | 8 | | |
| 10 | 8 | 2 | | 19 | 2 | 8 | 9 | | 3 | 1 | 2 | 12 | 6 | 1 | 3 | 2 | | 25 | 7 | 3 | 9 | 6 | | |