Arrow Maze

Find the path through the maze!

20 →	21 →	35 ↓	25 ↓	22 ↓	11 ↓
6 →	7 ↓	32 ↓	26 →	27 →	28 ↓
15 →	16 →	34 ↑	17 ↓	14 ←	29 ↓
5 ↑	9 →	36	24 ↑	23 ←	10 ↑
4 ↑	1 →	31 ↑	2 →	3 ←	30 ←
19 ↑	8 ↑	33 ↑	18 ←	13 ↑	12 ←

How to play

The aim is to find a path through the grid by visiting every cell once. The path is starting from the cell with number 1.

The path can jump from one cell to another in a horizontal, vertical or diagonal direction, but only in the direction of the arrow.

Some numbers have already been given.