Arrow Maze

Find the path through the maze!

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

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.