

Below is the AI problem solved for moving numbers:

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

We place a figure into the top-left corner which should be moved to the bottom-right corner. The figure can be moved horizontally, vertically or diagonally (8 directions). In every step the figure can move as many cells that can be reached from its position!