



The image shows a 9x9 Sudoku puzzle grid. The grid is divided into 3x3 sub-grids by thick black lines. Some cells contain numbers, while others are empty. Arrows point to specific regions of the grid, each associated with a sum constraint:

- Top row, columns 2, 3, and 4: 13
- Top row, columns 5, 6, and 7: 22
- Top row, column 7: 12
- Top row, columns 8, 9, and 10: 57
- Rightmost column (column 9): 25
- Rightmost column (column 9): 5
- Bottom row, columns 1, 2, and 3: 8
- Bottom row, columns 4, 5, and 6: 40
- Bottom row, columns 7, 8, and 9: 14
- Bottom row, columns 8, 9, and 10: 15

The numbers filled in the grid are:

- Row 1: (1,2)=4, (1,3)=2, (1,7)=1
- Row 2: (2,2)=8, (2,3)=5, (2,4)=4, (2,5)=2, (2,6)=1, (2,7)=6
- Row 3: (3,7)=2, (3,8)=4
- Row 4: (4,1)=1, (4,2)=9, (4,4)=5, (4,5)=8, (4,7)=3
- Row 5: (5,1)=4, (5,5)=7
- Row 6: (6,5)=1, (6,8)=2
- Row 7: (7,4)=2, (7,7)=7, (7,8)=8
- Row 8: (8,2)=7
- Row 9: (9,2)=3