Why 50 Positions Remain Unknown

L=17 ONE-TO-ONE MAPPING PROPERTY

With L=17 and 97 positions:

- Each position i maps to unique (class(i), i mod 17)
- Total unique slots = 97 (no reuse)
- Each constraint determines exactly 1 position

CONSTRAINT ACCOUNTING:

- 4 anchor cribs: 24 positions
- Canonical tail: 23 positions
- Total constrained: 47 positions
- Remaining: 97 47 = 50 positions

MATHEMATICAL NECESSITY:

Under 1-to-1 mapping, no constraint propagation occurs. Each unknown position requires its own constraint. Therefore: Minimum additional constraints = 50

EXAMPLE ARITHMETIC (Position 81):

- Class = ((81%2)*3)+(81%3) = 3
- Slot = 81 % 17 = 13

Slot (0-16)