ARITHMETIC & NUMBER PUZZLES

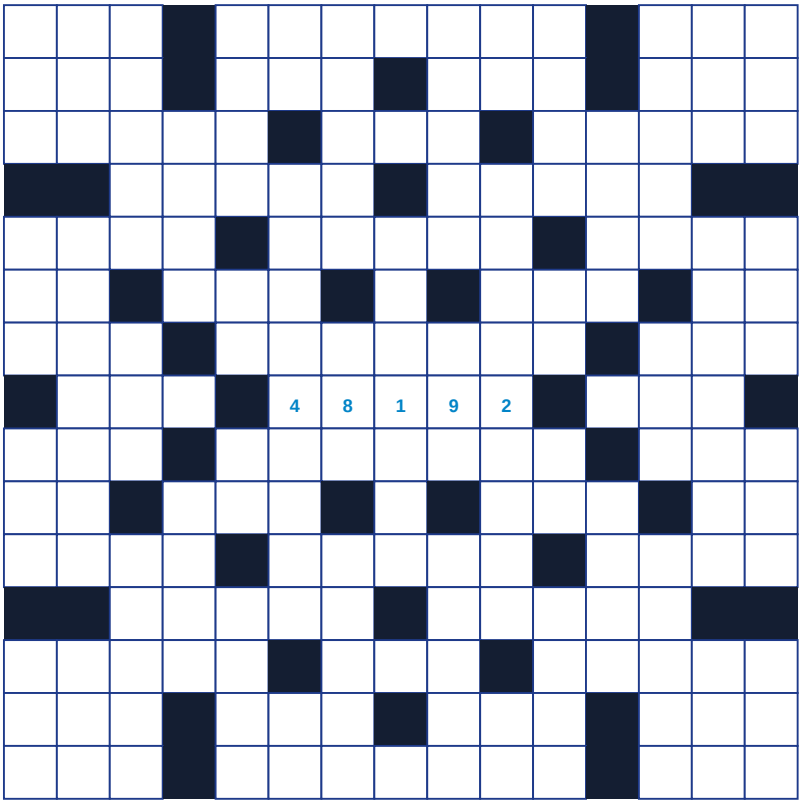
NUMBER FILL-IN 15x15 CROSS-GRID

Symmetrical 15x15 Matrix * Word-Style Number Fill-In * Organized by Digit Length

SOLVER TIME & SCORE

Start: ___:___ Stop: ___:___

Difficulty: [ ] Easy [ ] Med [ ] Hard



NUMBER VAULT (ORGANIZED BY DIGITS)

3-DIGIT NUMBERS

[ ] 104
[ ] 287
[ ] 395
[ ] 416
[ ] 582
[ ] 639
[ ] 740
[ ] 819

4-DIGIT NUMBERS

[ ] 1492
[ ] 2048
[ ] 3719
[ ] 4820
[ ] 5931
[ ] 6284
[ ] 7105
[ ] 8492

5-DIGIT NUMBERS

[ ] 17409
[ ] 28341
[ ] 39058
[ ] 48192*
[ ] 50628
[ ] 61934
[ ] 72481
[ ] 83510

6 & 7 DIGITS

[ ] 149283
[ ] 284051
[ ] 395172
[ ] 408291
[ ] 1749283
[ ] 5820391

NUMBER FILL-IN INTERSECTION STRATEGY & DEDUCTION LOG

SOLVING STRATEGY

Start with starter number 48192*

Cross with vertical 5-digit candidates

Fill longest unique lengths first (7-digit)

Cross-reference intersecting single digits

Check off numbers in vault as entered

GRID INTEGRITY RULES

Numbers read strictly Left-to-Right

Numbers read strictly Top-to-Bottom

Every white slot must be completely filled

No duplicate numbers anywhere on grid

Zero guessing needed: purely logical

SOLVER LOG

Mathematician: _____

Start Time: _____ Stop: ____

Elapsed Minutes: _____

100% Accuracy: [ ] Verified

Auditor Seal: * * * * *

CANDIDATE NUMBER DRAFTING MATRIX (BLANK WRITE-IN SQUARES):