OFFICIAL FREE LOGIC SERIES

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L-PIECES

46 Handcrafted Puzzles from Beginner to Expert · Solutions Included

Alternative Names: L-Tromino Tiling · L-Panel · Tetromino Division

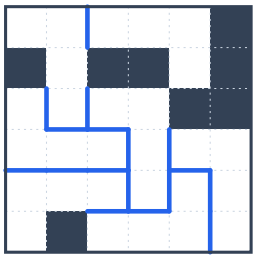
How to Play & Rules

- Draw borders along grid lines to split all white playable cells into L-shapes of four cells (tetrominoes).
- Each L-shape consists of a 3-cell arm joined at right angles to a 1-cell stub (or a 2×2 square with one corner removed).
- L-shapes can be rotated (0°, 90°, 180°, 270°) and reflected (turned or flipped).
- Black cells are obstacles that cannot be part of any L-shape.
- Every white cell must belong to exactly one L-shape.

Every puzzle has exactly one valid solution, deducible purely through logical reasoning.

Difficulty Levels (46 Puzzles)

Stage	Grid Sizes	Puzzles
Intro	4×4	3
Easy	4×4 to 6×6	12
Medium	6×6 to 8×8	12
Hard	8×8 to 10×10	12
Expert	10×10	10



Solved Level Example

Play 100+ Levels Online with Instant Validation

Enjoy interactive play with step-by-step hints, conflict checkers, and unlimited undo on AZTest.

https://aztest.org/puzzles/l-pieces/

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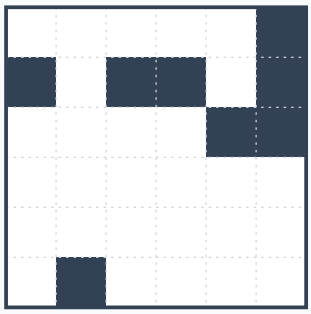
HOW TO PLAY L-PIECES

Core Rules, Mechanics & Step-by-Step Deductive Strategies

Basic Game Premise & Rules

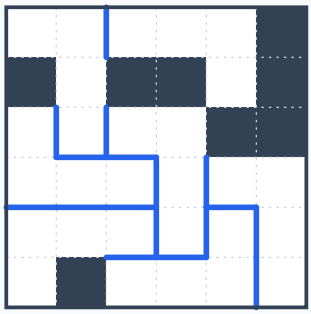
- Draw borders along grid lines to split all white playable cells into L-shapes of four cells (tetrominoes).
- Each L-shape consists of a 3-cell arm joined at right angles to a 1-cell stub (or a 2×2 square with one corner removed).
- L-shapes can be rotated (0°, 90°, 180°, 270°) and reflected (turned or flipped).
- Black cells are obstacles that cannot be part of any L-shape.
- Every white cell must belong to exactly one L-shape.

Starting Board (Unsolved)



Initial clues, boundary constraints, and starting state

Completed Solution



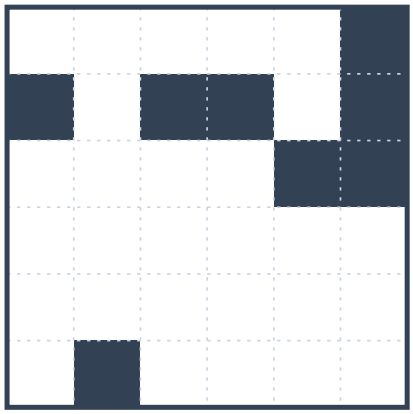
All clues and global constraints satisfied without contradictions

Key Deductive Strategies

Every puzzle has exactly one unique solution. Start by identifying forced moves from extreme clue values. Never guess: if a cell cannot be determined yet, look elsewhere on the board for intersecting constraints.

Puzzle #1 EASY

6 × 6



Play online: l-pieces/#1

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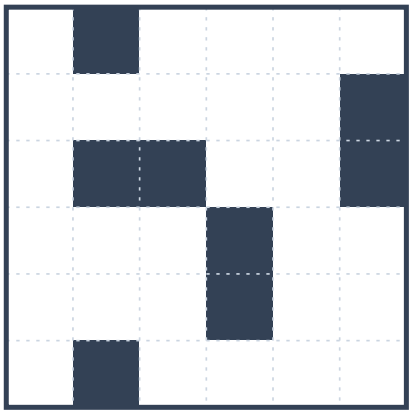
Puzzle #2 EASY

6 × 6



Play online: l-pieces/#2

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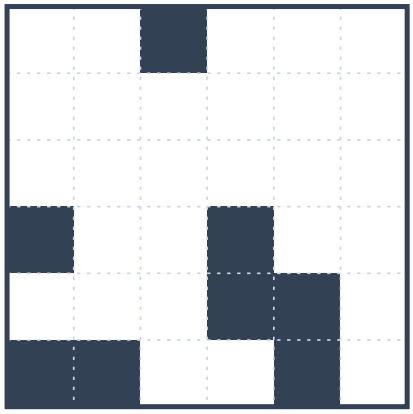
Puzzle #3 EASY

6 × 6



Play online: l-pieces/#3

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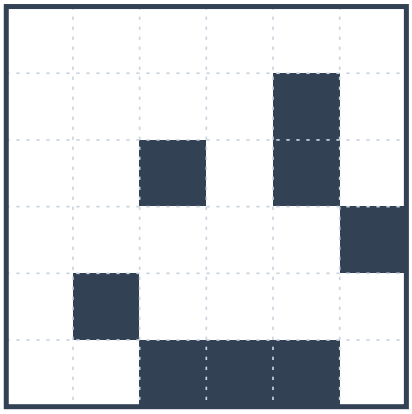
Puzzle #4 EASY

6 × 6



Play online: l-pieces/#4

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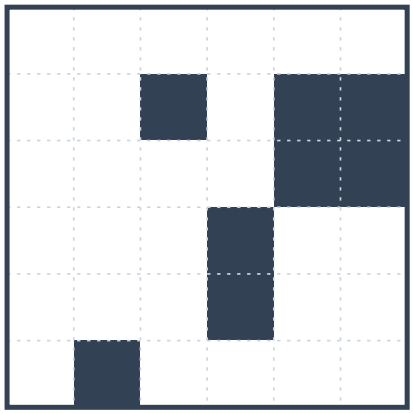
Puzzle #5 EASY

6 × 6



Play online: l-pieces/#5

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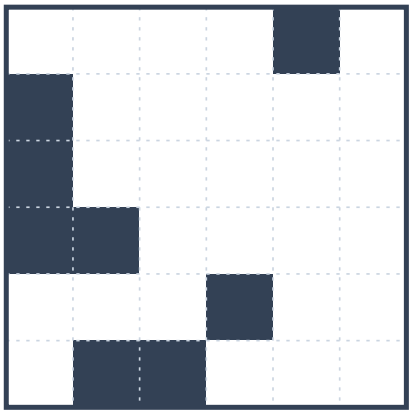
Puzzle #6 EASY

6 × 6



Play online: l-pieces/#6

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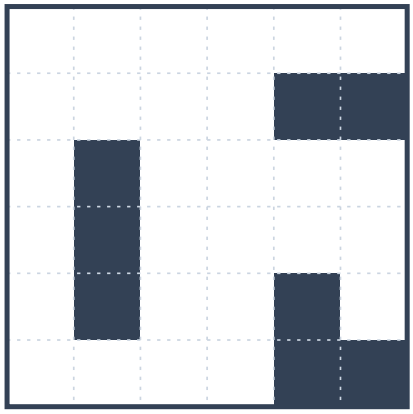
Puzzle #7 EASY

6 × 6



Play online: l-pieces/#7

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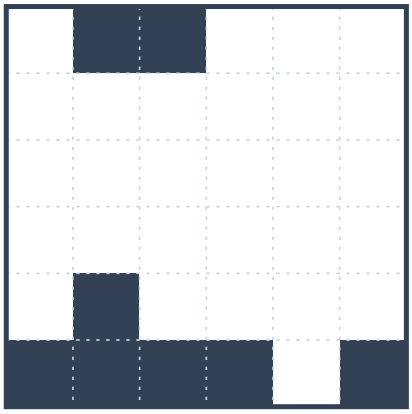
Puzzle #8 EASY

6 × 6



Play online: l-pieces/#8

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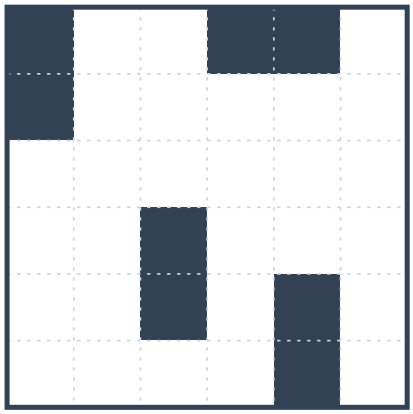
Puzzle #9 EASY

6 × 6



Play online: l-pieces/#9

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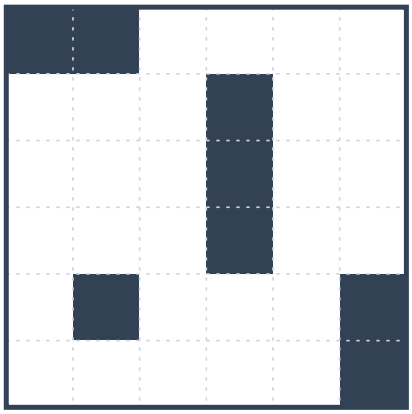
Puzzle #10 EASY

6 × 6



Play online: l-pieces/#10

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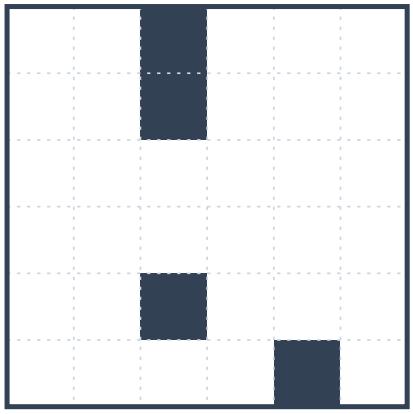
Puzzle #11 EASY

6 × 6



Play online: l-pieces/#11

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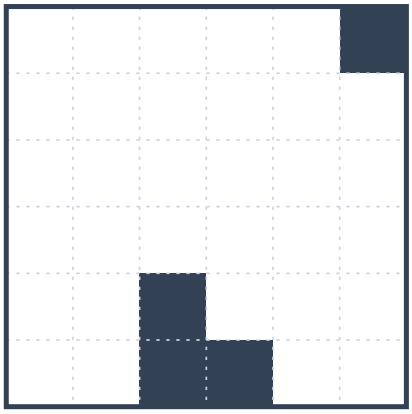
Puzzle #12 EASY

6 × 6



Play online: l-pieces/#12

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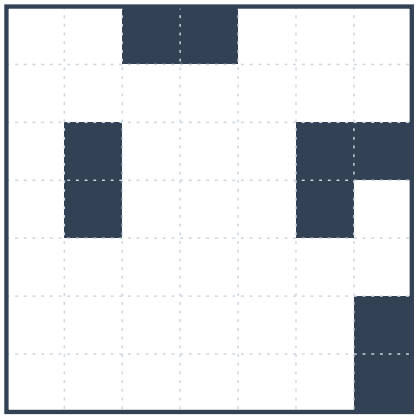
Puzzle #13 MEDIUM

7 × 7



Play online: l-pieces/#13

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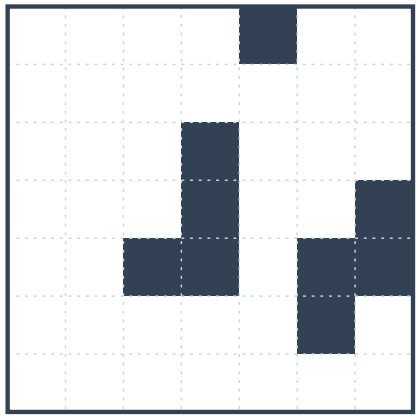
Puzzle #14 MEDIUM

7 × 7



Play online: l-pieces/#14

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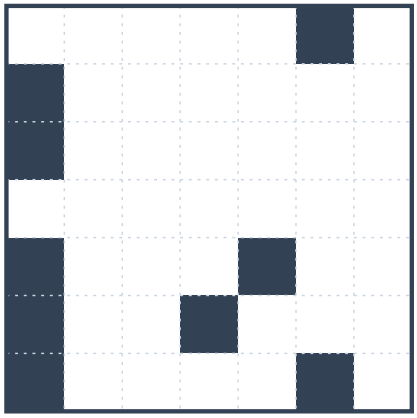
Puzzle #15 MEDIUM

7 × 7



Play online: l-pieces/#15

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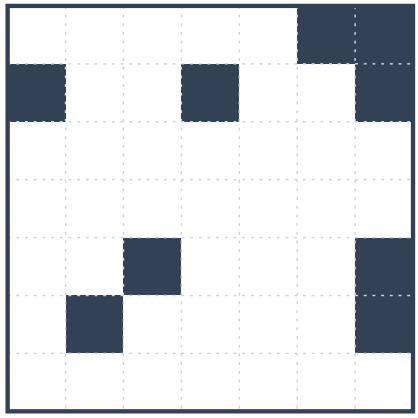
Puzzle #16 MEDIUM

7 × 7



Play online: l-pieces/#17

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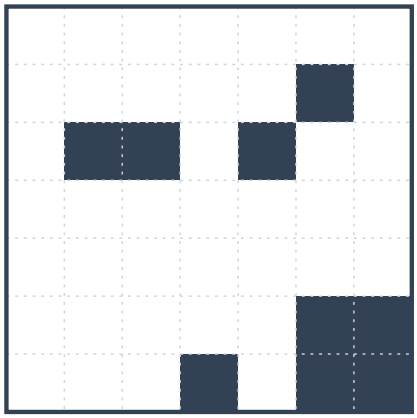
Puzzle #17 MEDIUM

7 × 7



Play online: l-pieces/#18

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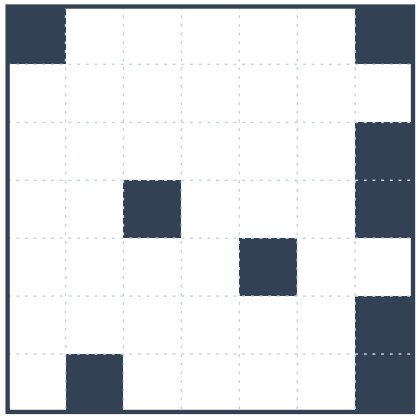
Puzzle #18 MEDIUM

7 × 7



Play online: l-pieces/#19

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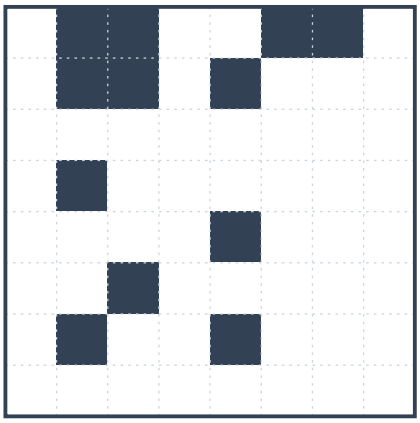
Puzzle #19 MEDIUM

8 × 8



Play online: l-pieces/#20

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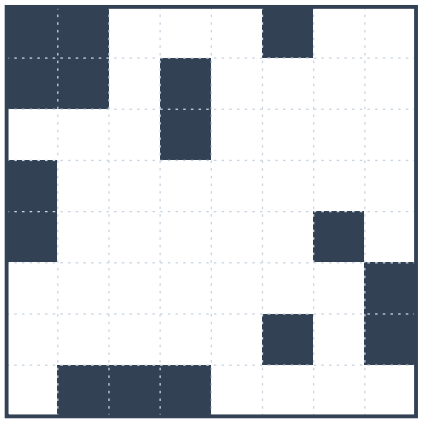
Puzzle #20 MEDIUM

8 × 8



Play online: l-pieces/#21

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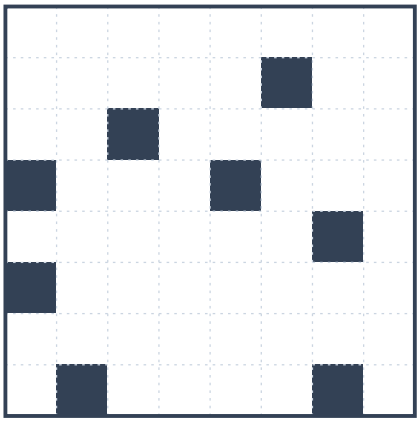
Puzzle #21 MEDIUM

8 × 8



Play online: l-pieces/#22

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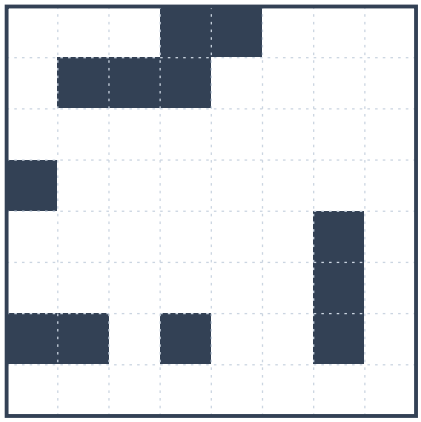
Puzzle #22 MEDIUM

8 × 8



Play online: l-pieces/#24

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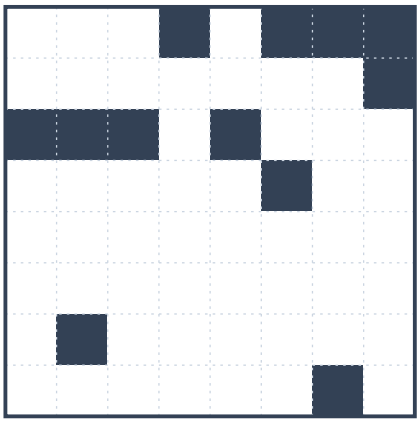
Puzzle #23 MEDIUM

8 × 8



Play online: l-pieces/#25

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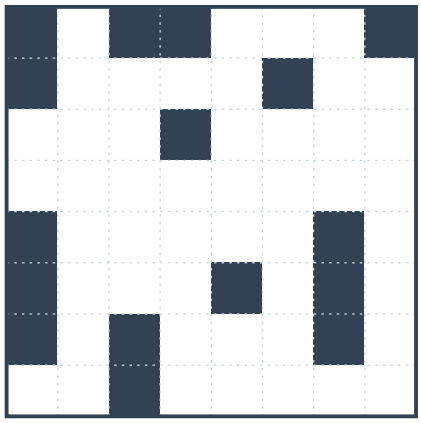
Puzzle #24 MEDIUM

8 × 8



Play online: l-pieces/#26

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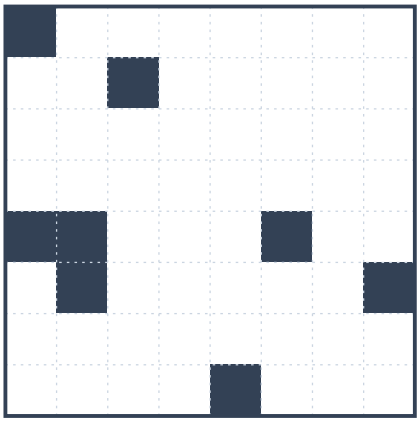
Puzzle #25 HARD

8 × 8



Play online: l-pieces/#27

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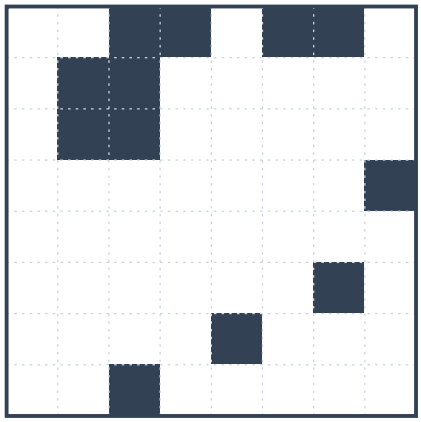
Puzzle #26 HARD

8 × 8



Play online: l-pieces/#28

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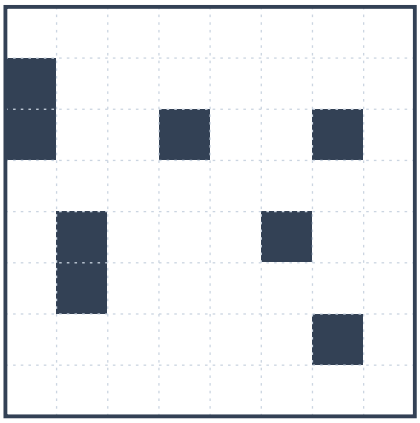
Puzzle #27 HARD

8 × 8



Play online: l-pieces/#29

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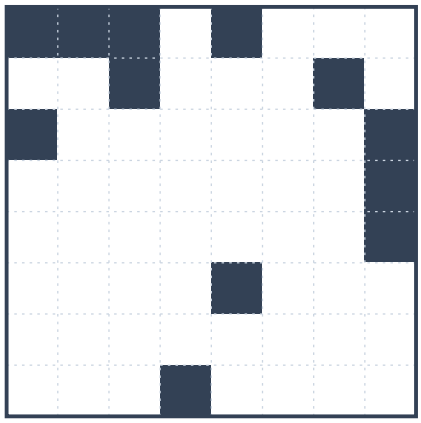
Puzzle #28 HARD

8 × 8



Play online: l-pieces/#31

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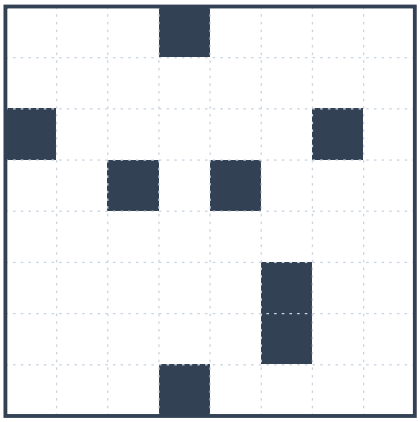
Puzzle #29 HARD

8 × 8



Play online: l-pieces/#32

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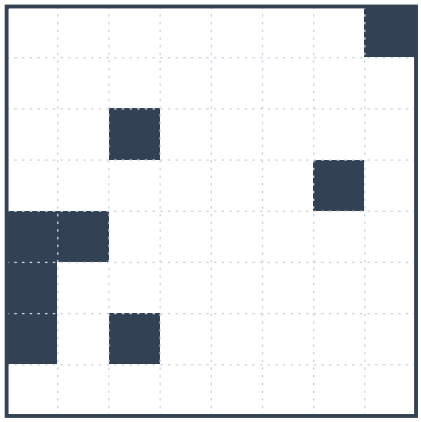
Puzzle #30 HARD

8 × 8



Play online: l-pieces/#33

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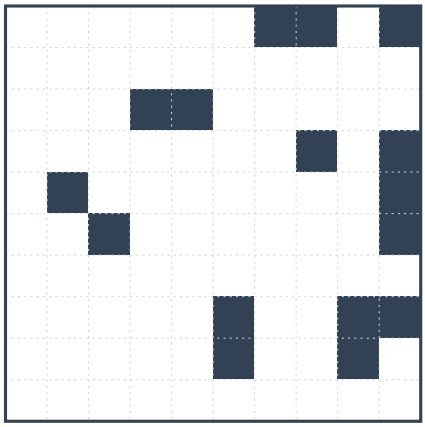
Puzzle #31 HARD

10 × 10



Play online: l-pieces/#34

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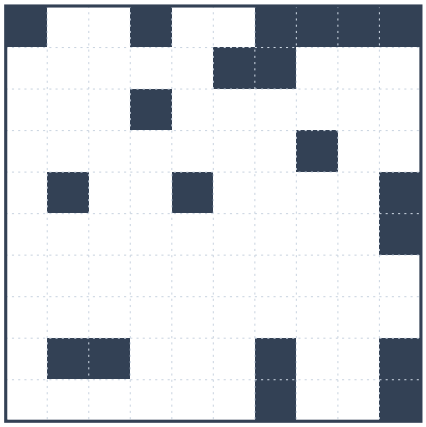
Puzzle #32 HARD

10 × 10



Play online: l-pieces/#35

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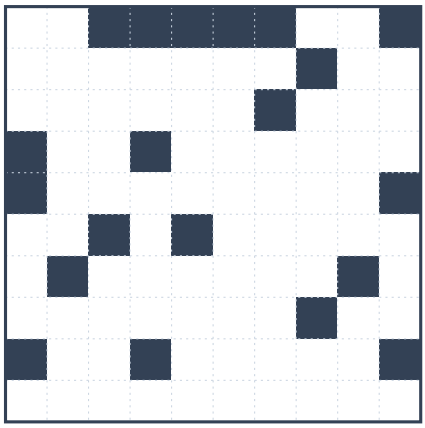
Puzzle #33 HARD

10 × 10



Play online: l-pieces/#36

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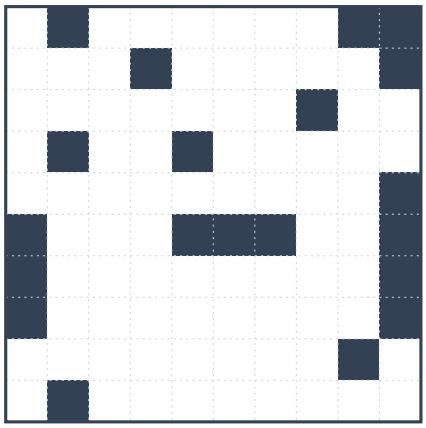
Puzzle #34 HARD

10 × 10



Play online: l-pieces/#38

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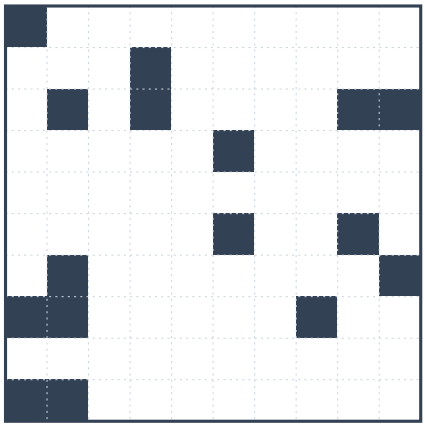
Puzzle #35 HARD

10 × 10



Play online: l-pieces/#39

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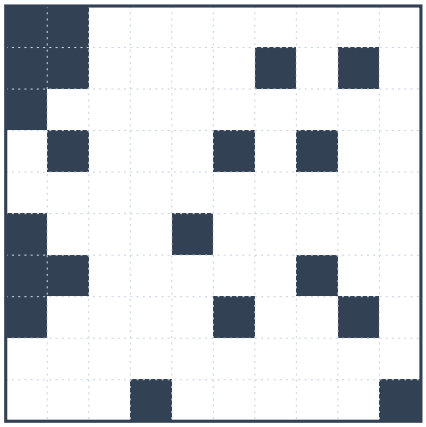
Puzzle #36 HARD

10 × 10



Play online: l-pieces/#40

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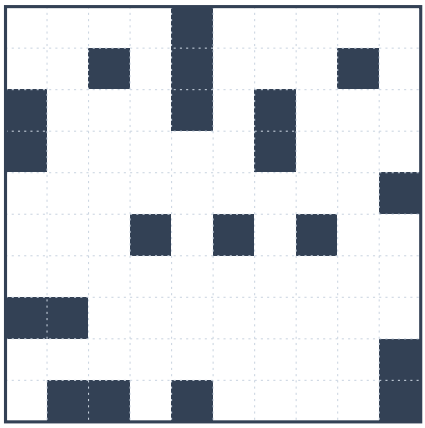
Puzzle #37 EXPERT

10 × 10



Play online: l-pieces/#41

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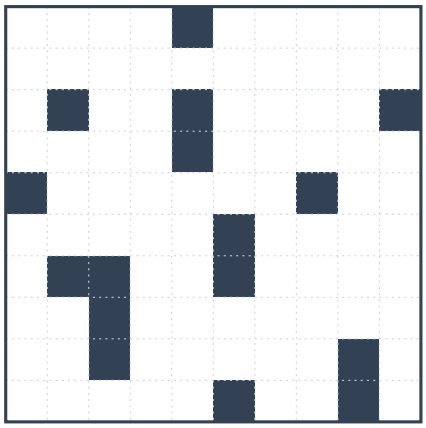
Puzzle #38 EXPERT

10 × 10



Play online: l-pieces/#42

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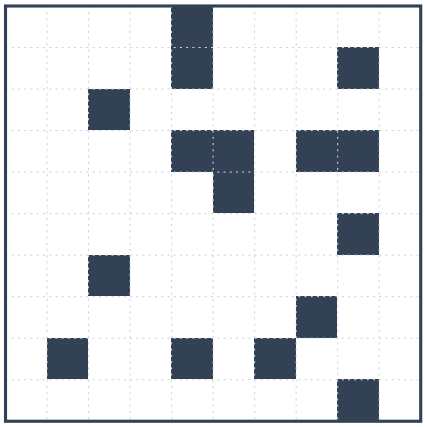
Puzzle #39 EXPERT

10 × 10



Play online: l-pieces/#43

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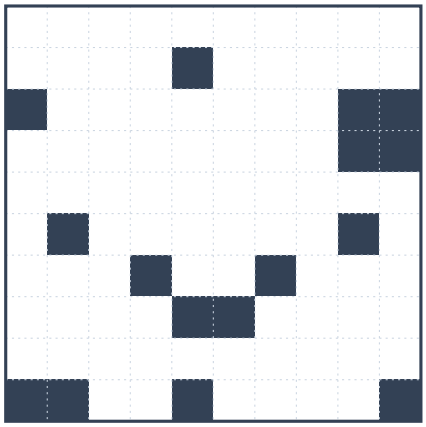
Puzzle #40 EXPERT

10 × 10



Play online: l-pieces/#44

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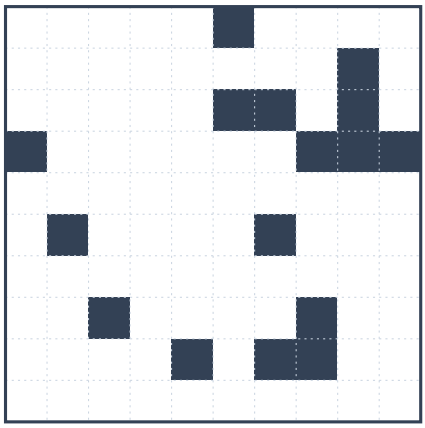
Puzzle #41 EXPERT

10 × 10



Play online: l-pieces/#45

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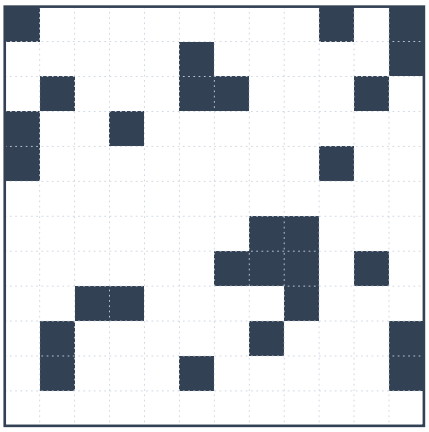
Puzzle #42 EXPERT

12 × 12



Play online: l-pieces/#46

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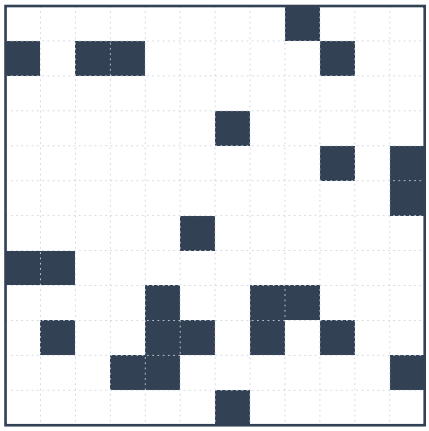
Puzzle #43 EXPERT

12 × 12



Play online: l-pieces/#47

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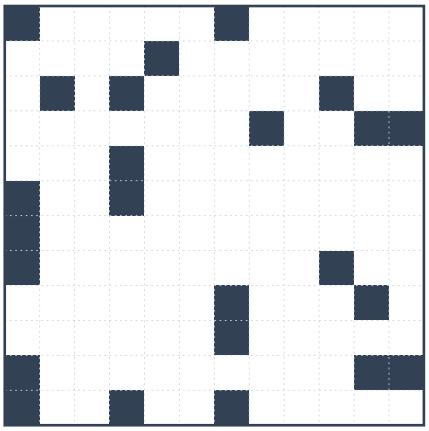
Puzzle #44 EXPERT

12 × 12

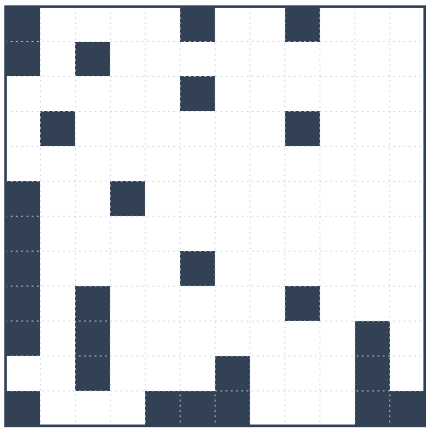


Play online: l-pieces/#48

AZTest · aztest.org

Puzzle #45 EXPERT

12 × 12



Play online: l-pieces/#49

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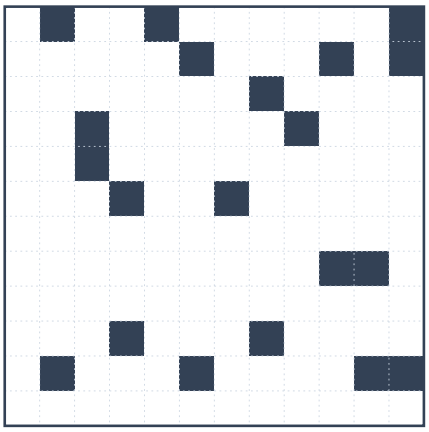
Puzzle #46 EXPERT

12 × 12



Play online: l-pieces/#50

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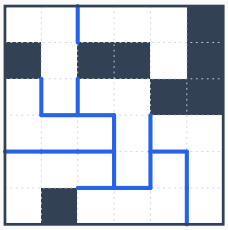
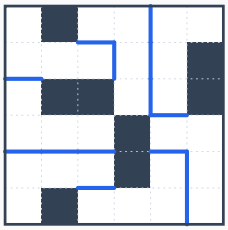
L-PIECES SOLUTIONS

Complete solved grids for Puzzles #1 to #12

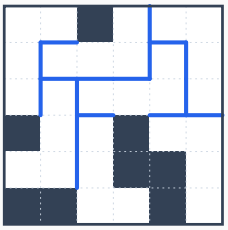
Puzzle #1 Easy (6×6)



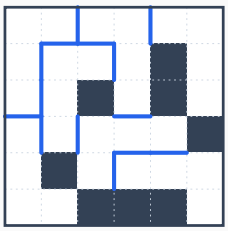
Puzzle #2 Easy (6×6)



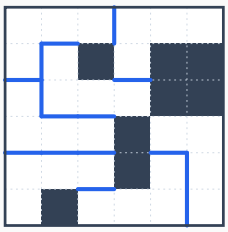
Puzzle #3 Easy (6×6)



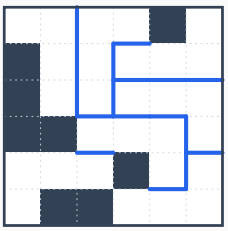
Puzzle #4 Easy (6×6)



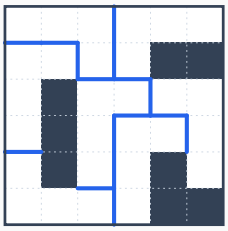
Puzzle #5 Easy (6×6)



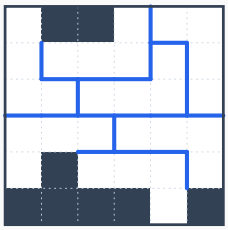
Puzzle #6 Easy (6×6)



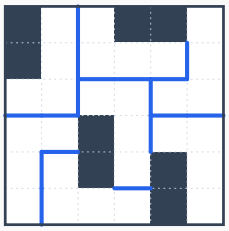
Puzzle #7 Easy (6×6)



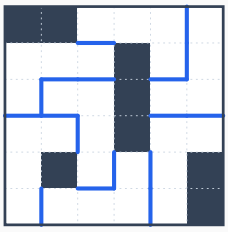
Puzzle #8 Easy (6×6)



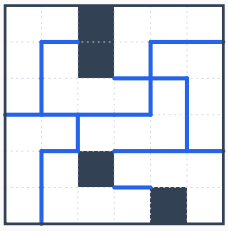
Puzzle #9 Easy (6×6)



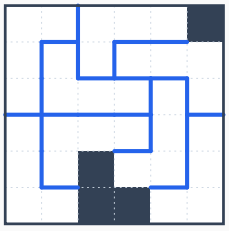
Puzzle #10 Easy (6×6)



Puzzle #11 Easy (6×6)



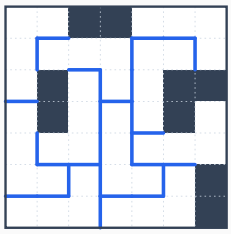
Puzzle #12 Easy (6×6)



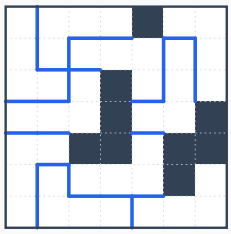
L-PIECES SOLUTIONS

Complete solved grids for Puzzles #13 to #24

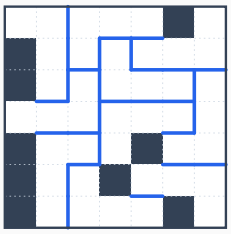
Puzzle #13 Medium (7×7)



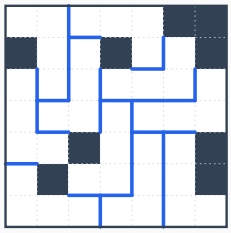
Puzzle #14 Medium (7×7)



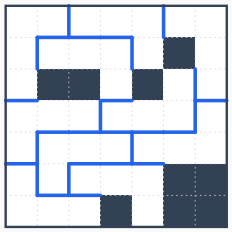
Puzzle #15 Medium (7×7)



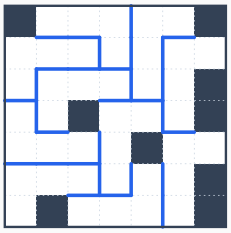
Puzzle #16 Medium (7×7)



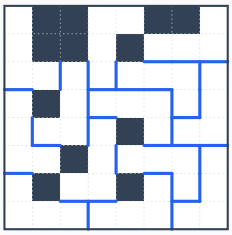
Puzzle #17 Medium (7×7)



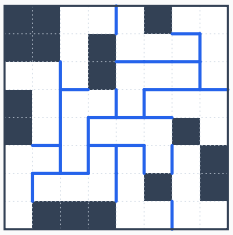
Puzzle #18 Medium (7×7)



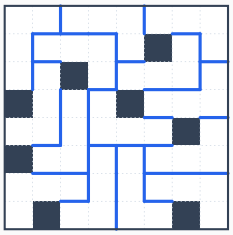
Puzzle #19 Medium (8×8)



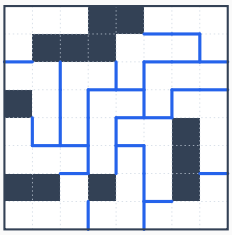
Puzzle #20 Medium (8×8)



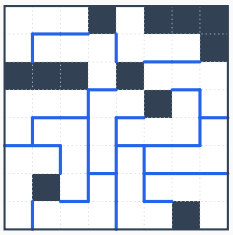
Puzzle #21 Medium (8×8)



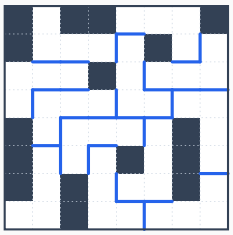
Puzzle #22 Medium (8×8)



Puzzle #23 Medium (8×8)



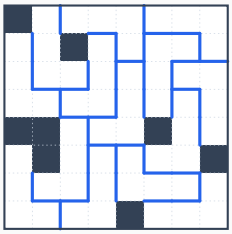
Puzzle #24 Medium (8×8)



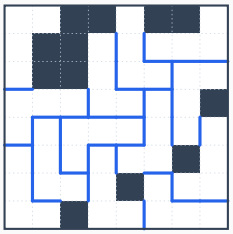
L-PIECES SOLUTIONS

Complete solved grids for Puzzles #25 to #36

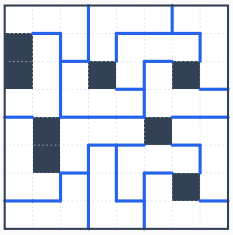
Puzzle #25 Hard (8×8)



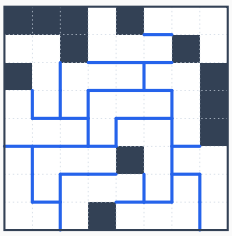
Puzzle #26 Hard (8×8)



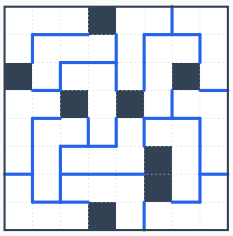
Puzzle #27 Hard (8×8)



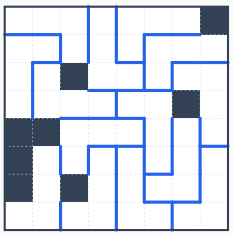
Puzzle #28 Hard (8×8)



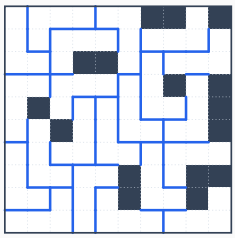
Puzzle #29 Hard (8×8)



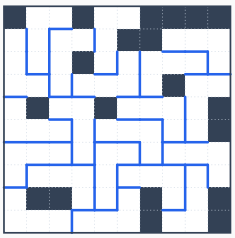
Puzzle #30 Hard (8×8)



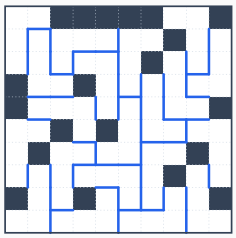
Puzzle #31 Hard (10×10)



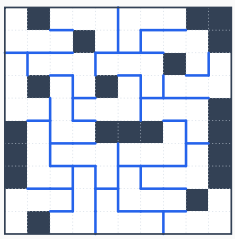
Puzzle #32 Hard (10×10)



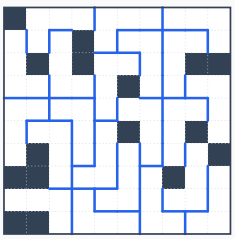
Puzzle #33 Hard (10×10)



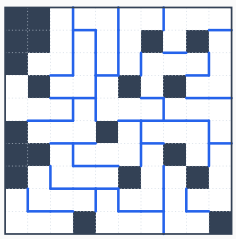
Puzzle #34 Hard (10×10)



Puzzle #35 Hard (10×10)



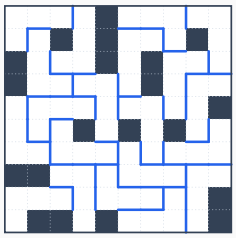
Puzzle #36 Hard (10×10)



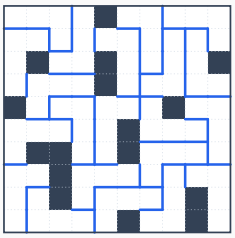
L-PIECES SOLUTIONS

Complete solved grids for Puzzles #37 to #46

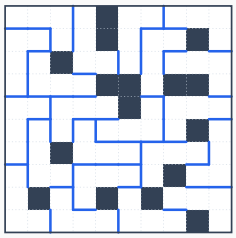
Puzzle #37 Expert (10×10)



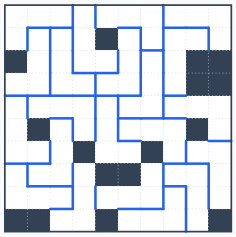
Puzzle #38 Expert (10×10)



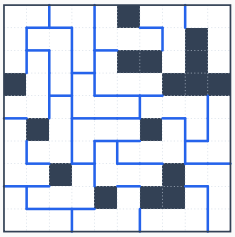
Puzzle #39 Expert (10×10)



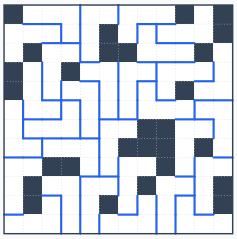
Puzzle #40 Expert (10×10)



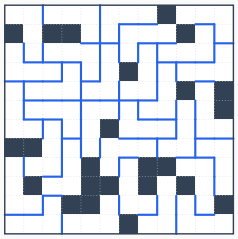
Puzzle #41 Expert (10×10)



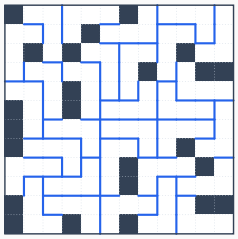
Puzzle #42 Expert (12×12)



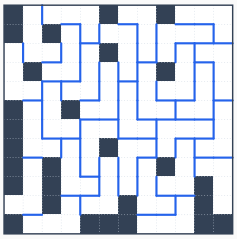
Puzzle #43 Expert (12×12)



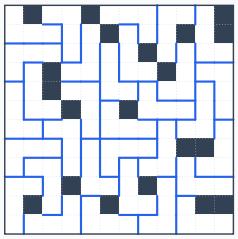
Puzzle #44 Expert (12×12)



Puzzle #45 Expert (12×12)



Puzzle #46 Expert (12×12)



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