OFFICIAL FREE LOGIC SERIES

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NURIKABE

50 Handcrafted Puzzles from Beginner to Expert · Solutions Included

Alternative Names: Cell Structure · Islands in the Sea · Japanese Wall (ぬりかべ)

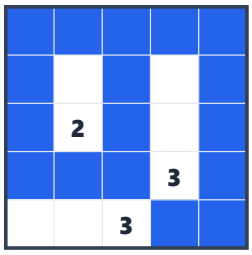
How to Play & Rules

- Shade cells black (sea) so that every numbered clue sits in a white island with exactly that number of cells.
- Each island contains exactly one number clue.
- Islands cannot touch each other along a side (orthogonally), though they may touch diagonally at corners.
- The entire black sea must form a single orthogonally connected continuous body of water.
- No 2×2 Pool Constraint: The sea cannot contain any 2×2 block of fully shaded cells anywhere on the board.

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

Difficulty Levels (50 Puzzles)

Stage	Grid Sizes	Puzzles
Intro	5×5	3
Easy	5×5 to 6×6	12
Medium	7×7 to 8×8	12
Hard	8×8 to 10×10	12
Expert	10×10	11



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/nurikabe/

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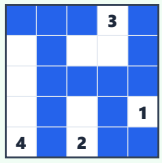
NURIKABE — WHAT IS ALLOWED & WHAT IS NOT ALLOWED

Visual guide illustrating correct moves versus rule violations

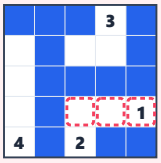
The Islands (1, 2, 3, and 4)

Each number sits in a white island with exactly that many cells. Islands never touch along a side.



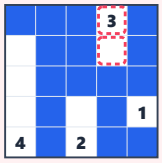
✓ ALLOWED

Islands of sizes 1, 2, 3, and 4. Every island has its exact number of cells and is isolated by the sea.



✗ NOT ALLOWED

Islands 1 and 2 touch along a side. Islands cannot share an edge and must be separated by shaded cells.

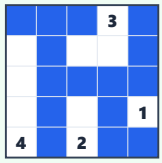


✗ NOT ALLOWED

Island 3 has only 2 cells. Every island must contain exactly its given number of cells.

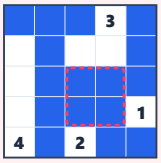
The Sea (no 2x2 and connected)

All shaded cells form one connected sea, with no 2 x 2 block fully shaded.



✓ ALLOWED

The shaded sea forms one single connected group, with no 2x2 square of shaded cells anywhere.



✗ NOT ALLOWED

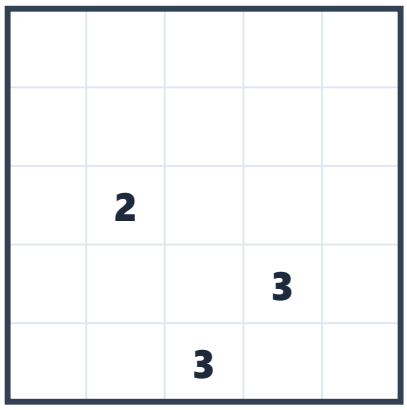
A 2x2 block of shaded cells. The sea cannot contain any fully shaded 2x2 square.



✗ NOT ALLOWED

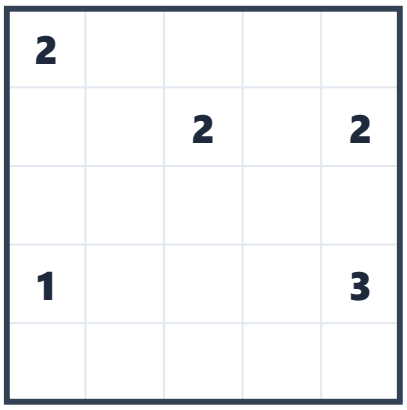
Disconnected sea: the shaded cell in the top-left corner is cut off from the rest of the sea.

Puzzle #1 INTRO 5 × 5



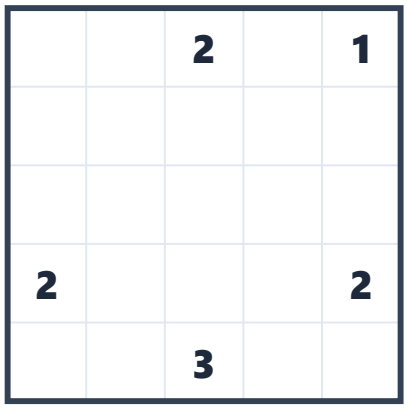
Play online: nurikabe/#1 AZTest · aztest.org

Puzzle #2 INTRO 5 × 5



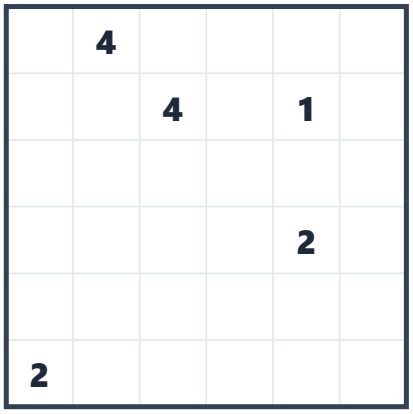
Play online: nurikabe/#2 AZTest · aztest.org

Puzzle #3 INTRO 5 × 5



Play online: nurikabe/#3 AZTest · aztest.org

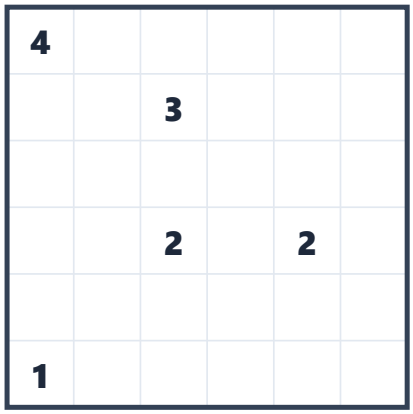
Puzzle #4 EASY 6 × 6



Play online: nurikabe/#4 AZTest · aztest.org

Puzzle #5 EASY

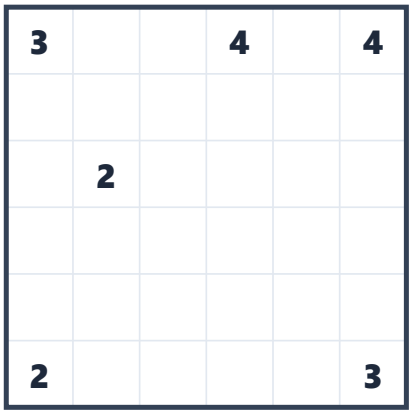
6 × 6



Play online: nurikabe/#6 AZTest · aztest.org

Puzzle #6 EASY

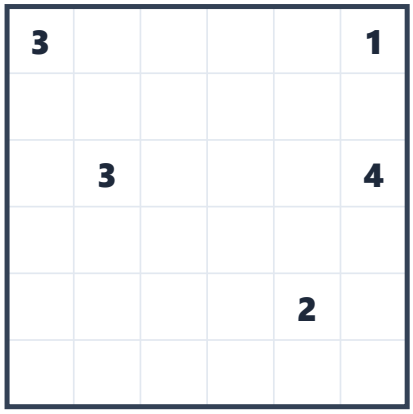
6 × 6



Play online: nurikabe/#7 AZTest · aztest.org

Puzzle #7 EASY

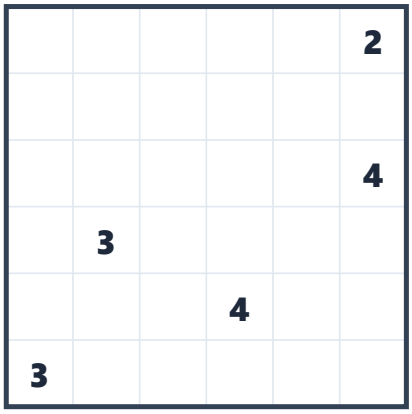
6 × 6



Play online: nurikabe/#9 AZTest · aztest.org

Puzzle #8 EASY

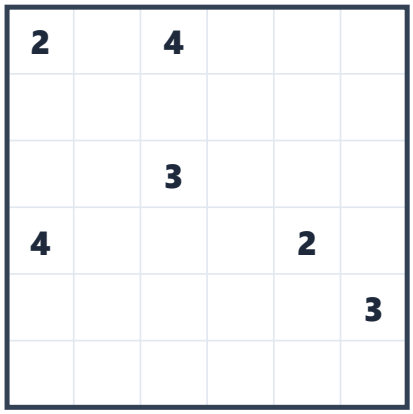
6 × 6



Play online: nurikabe/#11 AZTest · aztest.org

Puzzle #9 EASY

6 × 6



Play online: nurikabe/#13

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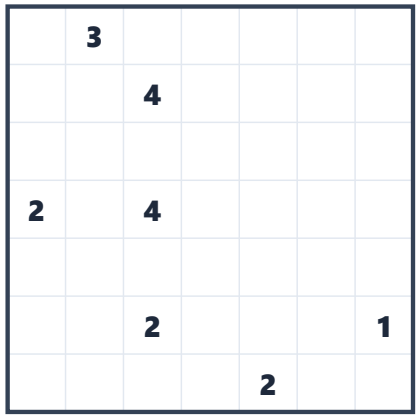
Puzzle #10 EASY

7 × 7



Play online: nurikabe/#14

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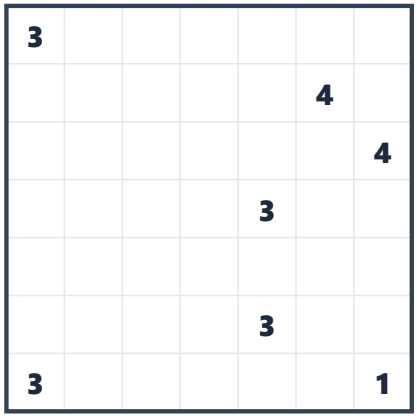
Puzzle #11 EASY

7 × 7



Play online: nurikabe/#16

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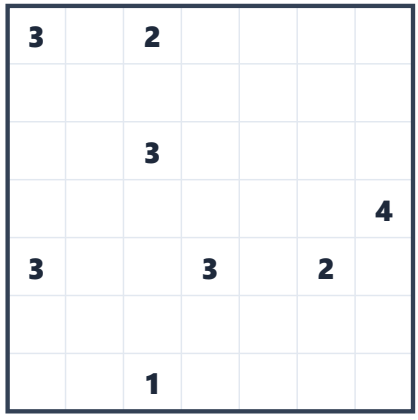
Puzzle #12 EASY

7 × 7



Play online: nurikabe/#18

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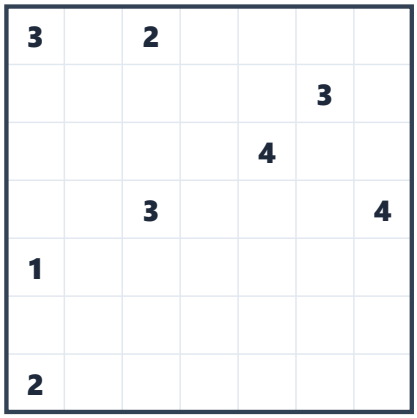
Puzzle #13 EASY

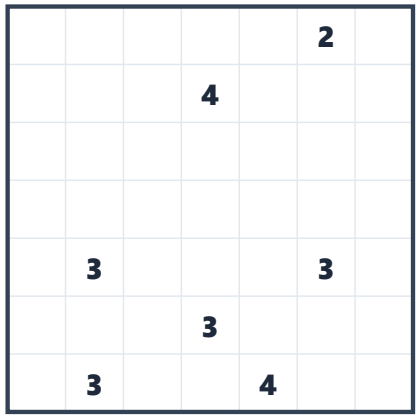
7 × 7



Play online: nurikabe/#20 AZTest · aztest.org

Puzzle #14 EASY

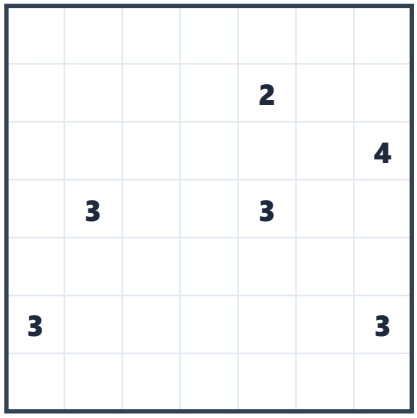
7 × 7



Play online: nurikabe/#21 AZTest · aztest.org

Puzzle #15 EASY

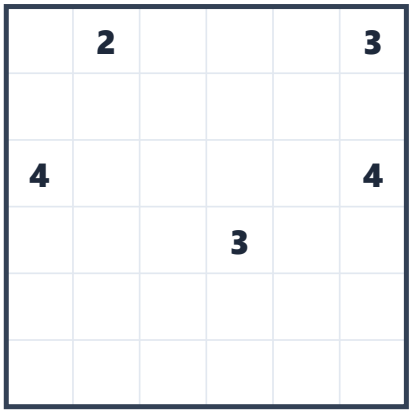
7 × 7



Play online: nurikabe/#23 AZTest · aztest.org

Puzzle #16 MEDIUM

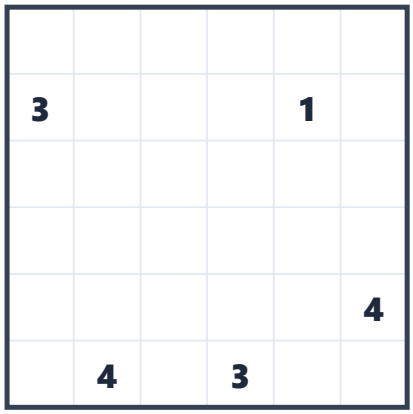
6 × 6



Play online: nurikabe/#39 AZTest · aztest.org

Puzzle #17 MEDIUM

6 × 6



Play online: nurikabe/#40

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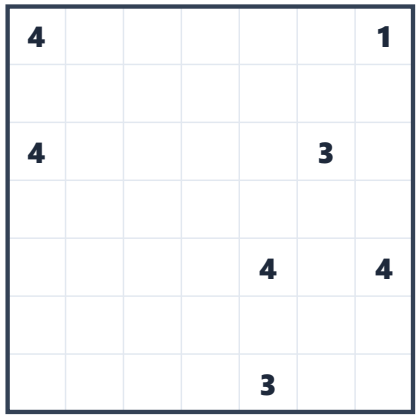
Puzzle #18 MEDIUM

7 × 7



Play online: nurikabe/#42

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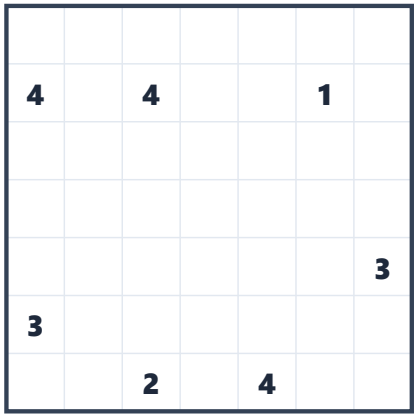
Puzzle #19 MEDIUM

7 × 7



Play online: nurikabe/#43

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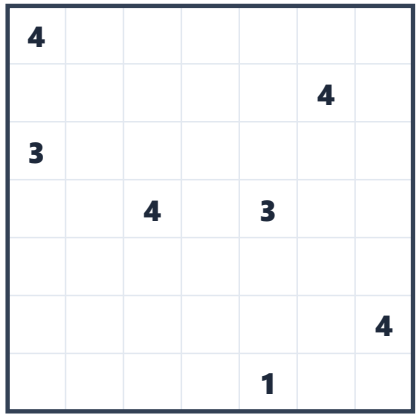
Puzzle #20 MEDIUM

7 × 7



Play online: nurikabe/#44

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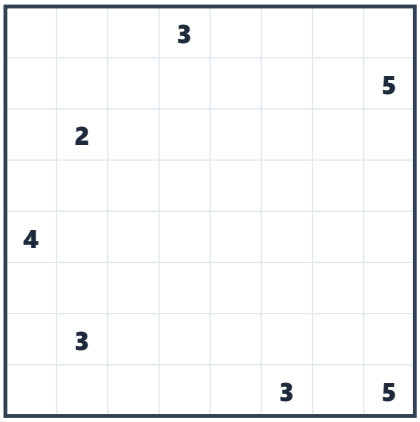
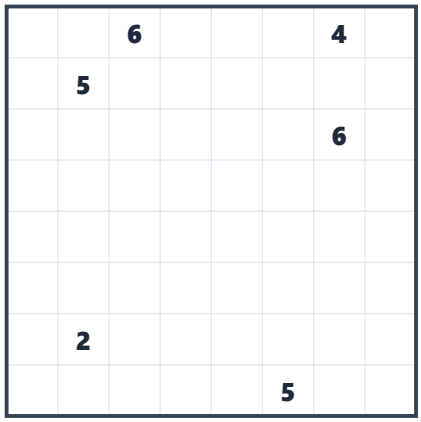
Puzzle #21 MEDIUM 8 × 8



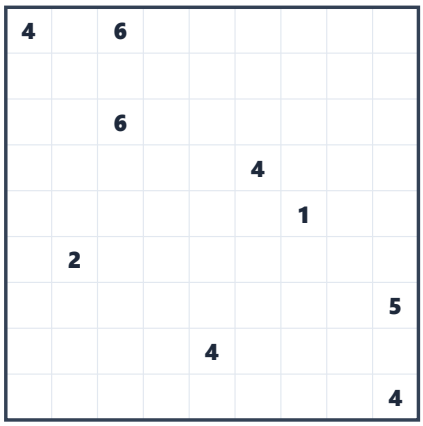
Play online: nurikabe/#45 AZTest · aztest.org

Puzzle #22 MEDIUM 8 × 8



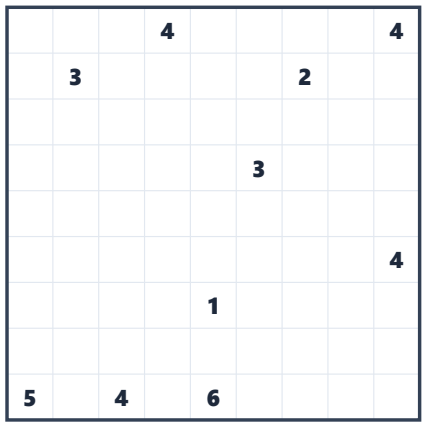
Play online: nurikabe/#47 AZTest · aztest.org

Puzzle #23 MEDIUM 9 × 9



Play online: nurikabe/#48 AZTest · aztest.org

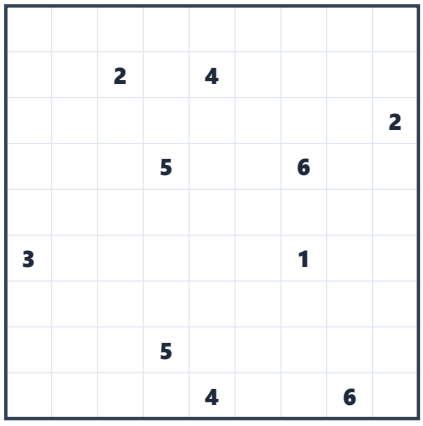
Puzzle #24 MEDIUM 9 × 9



Play online: nurikabe/#49 AZTest · aztest.org

Puzzle #25 MEDIUM

9 × 9



Play online: nurikabe/#50

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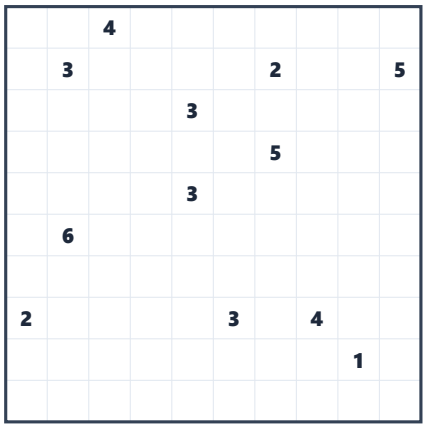
Puzzle #26 MEDIUM

10 × 10



Play online: nurikabe/#52

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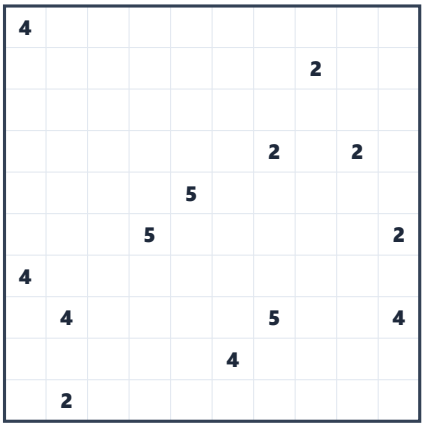
Puzzle #27 MEDIUM

10 × 10



Play online: nurikabe/#53

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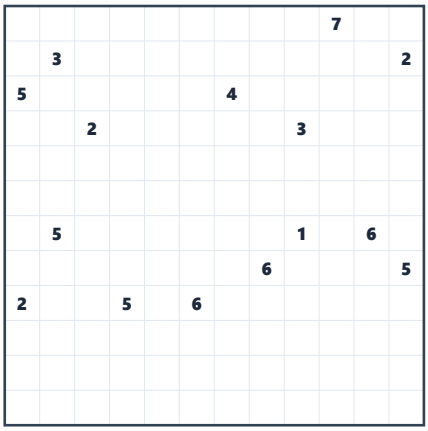
Puzzle #28 HARD

12 × 12



Play online: nurikabe/#54

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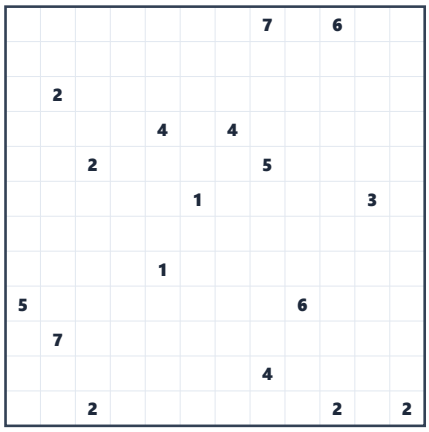
Puzzle #29 HARD

12 × 12



Play online: nurikabe/#55

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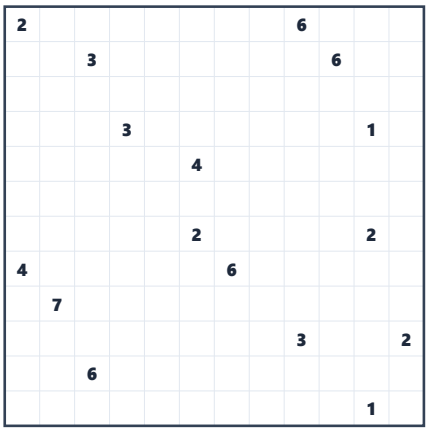
Puzzle #30 HARD

12 × 12



Play online: nurikabe/#57

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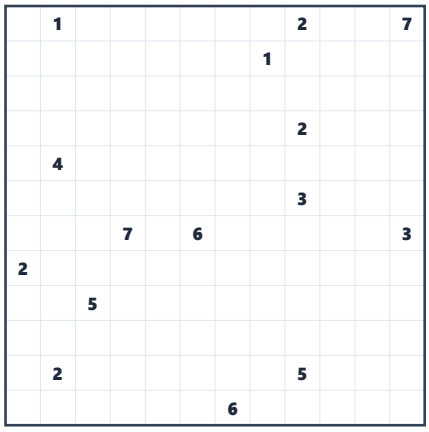
Puzzle #31 HARD

12 × 12



Play online: nurikabe/#58

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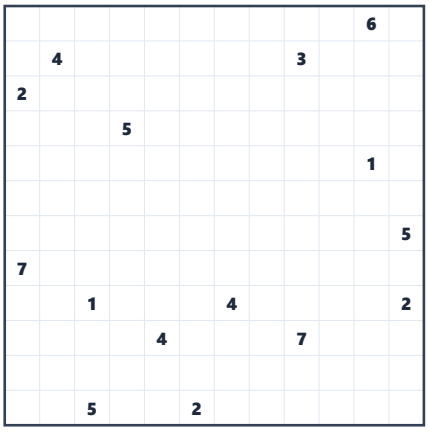
Puzzle #32 HARD

12 × 12



Play online: nurikabe/#59

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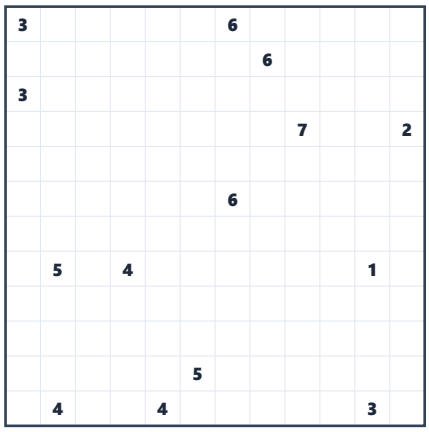
Puzzle #33 HARD

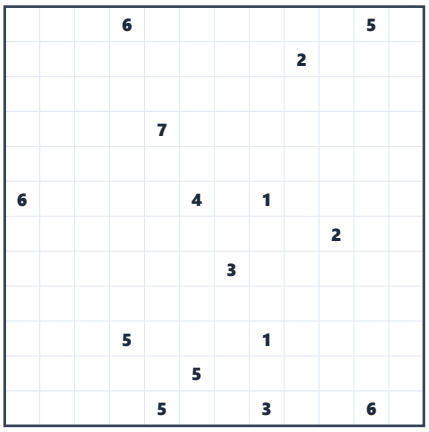
12 × 12



Play online: nurikabe/#60 AZTest · aztest.org

Puzzle #34 HARD

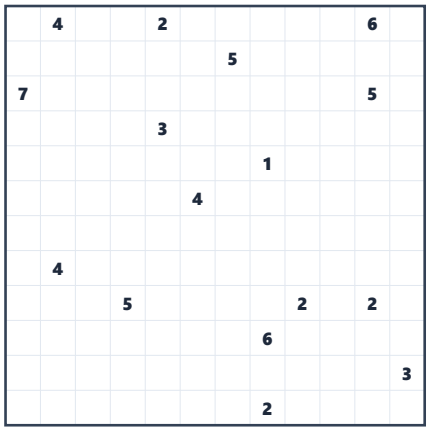
12 × 12



Play online: nurikabe/#62 AZTest · aztest.org

Puzzle #35 HARD

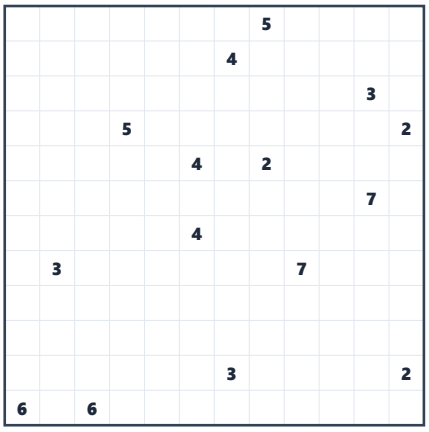
12 × 12



Play online: nurikabe/#63 AZTest · aztest.org

Puzzle #36 HARD

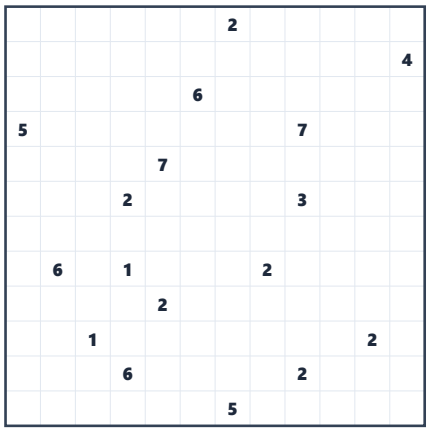
12 × 12



Play online: nurikabe/#64 AZTest · aztest.org

Puzzle #37 HARD

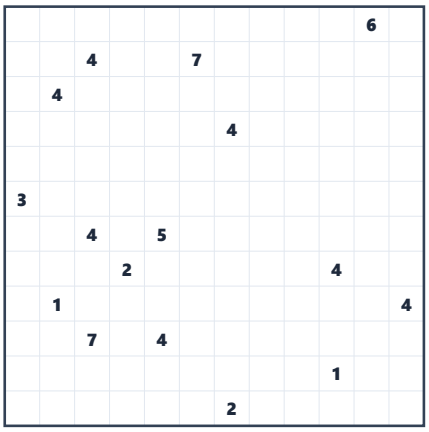
12 × 12



Play online: nurikabe/#65 AZTest · aztest.org

Puzzle #38 HARD

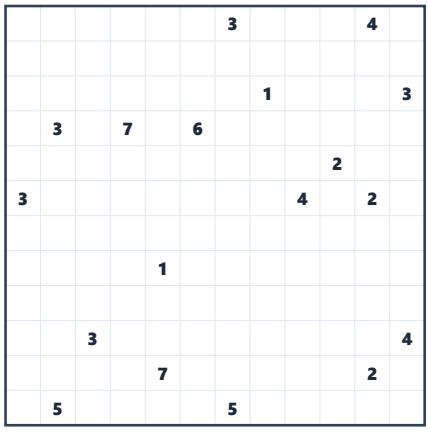
12 × 12



Play online: nurikabe/#67 AZTest · aztest.org

Puzzle #39 HARD

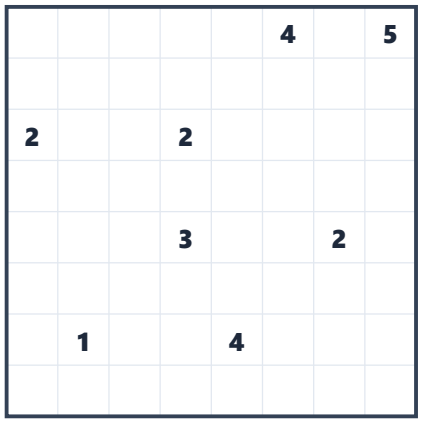
12 × 12



Play online: nurikabe/#68 AZTest · aztest.org

Puzzle #40 EASY+

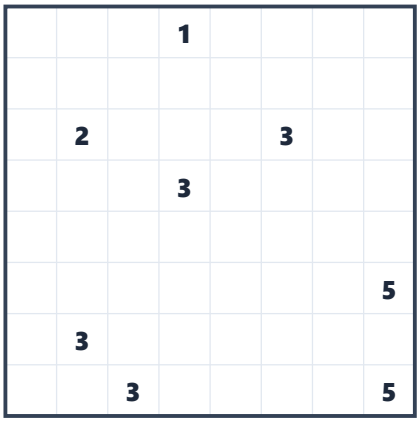
8 × 8



Play online: nurikabe/#24 AZTest · aztest.org

Puzzle #41 EASY+

8 × 8



Play online: nurikabe/#25

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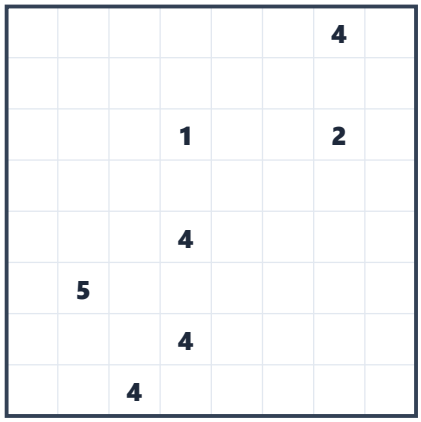
Puzzle #42 EASY+

8 × 8

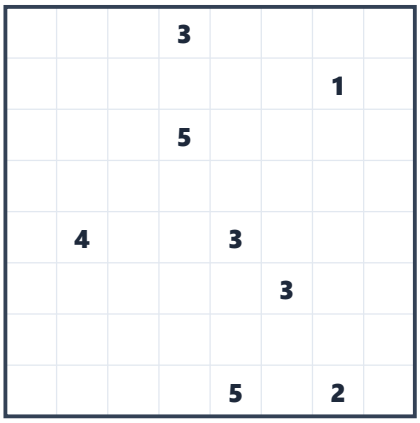


Play online: nurikabe/#26

AZTest · aztest.org

Puzzle #43 EASY+

8 × 8

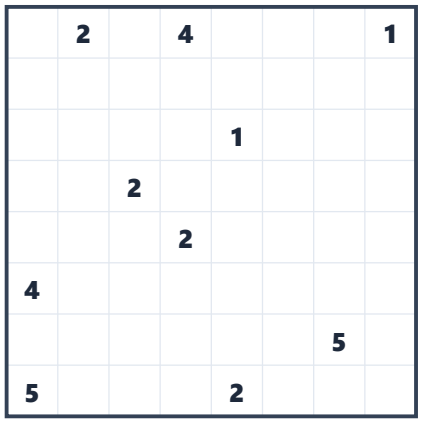


Play online: nurikabe/#27

AZTest · aztest.org

Puzzle #44 EASY+

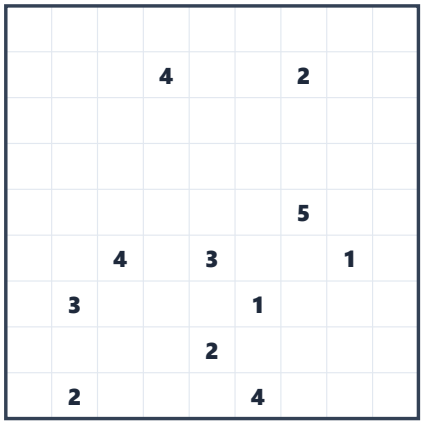
8 × 8



Play online: nurikabe/#28

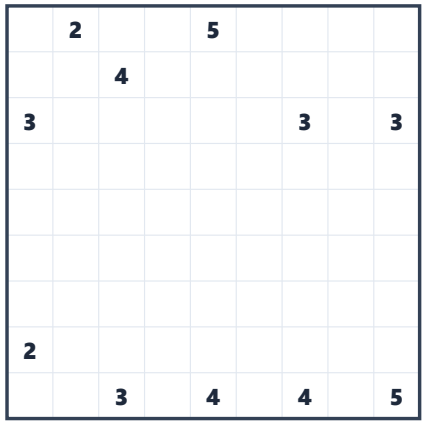
AZTest · aztest.org

Puzzle #45 EASY+ 9 × 9



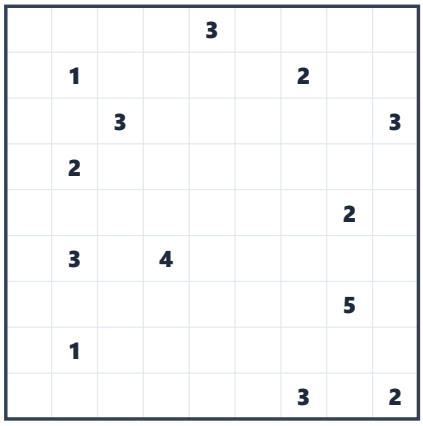
Play online: nurikabe/#29 AZTest · aztest.org

Puzzle #46 EASY+ 9 × 9



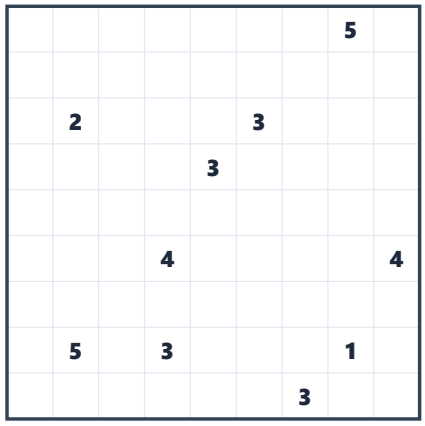
Play online: nurikabe/#30 AZTest · aztest.org

Puzzle #47 EASY+ 9 × 9



Play online: nurikabe/#31 AZTest · aztest.org

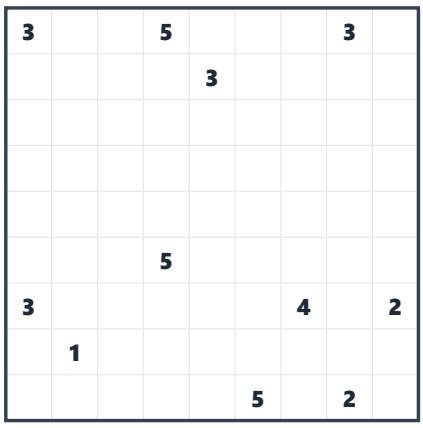
Puzzle #48 EASY+ 9 × 9



Play online: nurikabe/#32 AZTest · aztest.org

Puzzle #49 EASY+

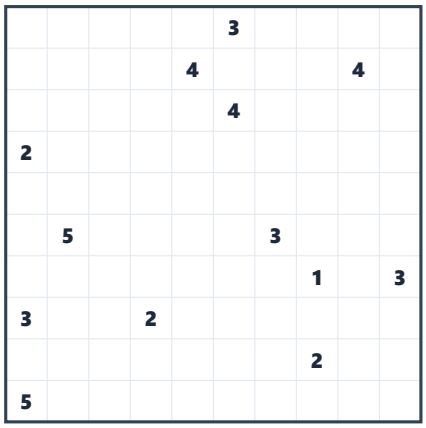
9 × 9



Play online: nurikabe/#33 AZTest · aztest.org

Puzzle #50 EASY+

10 × 10

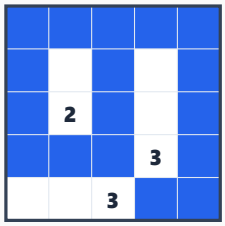


Play online: nurikabe/#34 AZTest · aztest.org

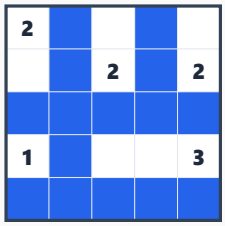
NURIKABE SOLUTIONS

Complete solved grids for Puzzles #1 to #12

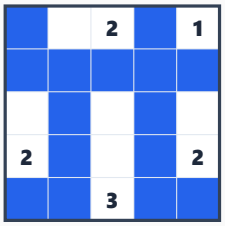
Puzzle #1
Intro (5×5)



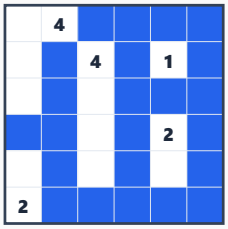
Puzzle #2
Intro (5×5)



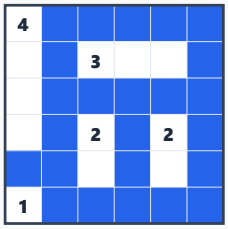
Puzzle #3
Intro (5×5)



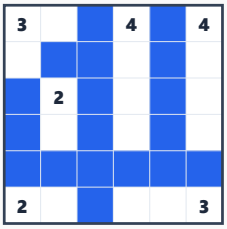
Puzzle #4
Easy (6×6)



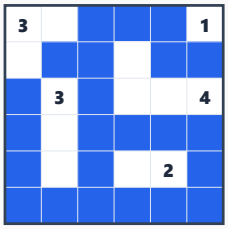
Puzzle #5
Easy (6×6)



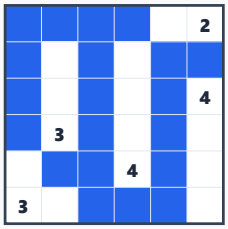
Puzzle #6
Easy (6×6)



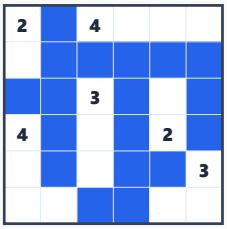
Puzzle #7
Easy (6×6)



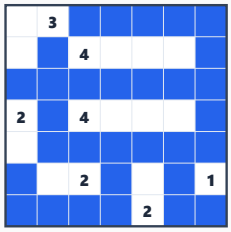
Puzzle #8
Easy (6×6)



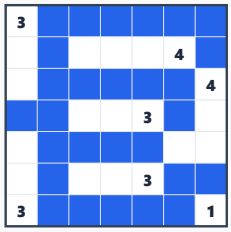
Puzzle #9
Easy (6×6)



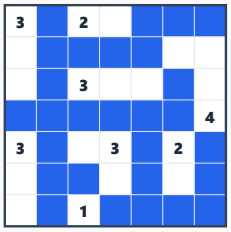
Puzzle #10
Easy (7×7)



Puzzle #11
Easy (7×7)



Puzzle #12
Easy (7×7)

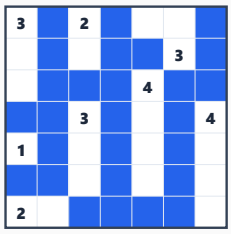


NURIKABE SOLUTIONS

Complete solved grids for Puzzles #13 to #24

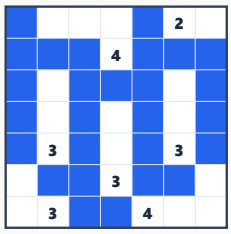
Puzzle #13

Easy (7×7)



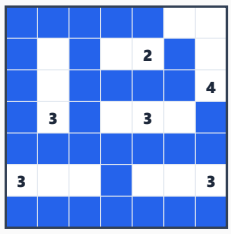
Puzzle #14

Easy (7×7)



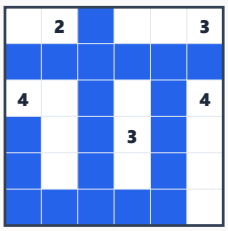
Puzzle #15

Easy (7×7)



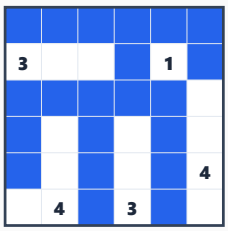
Puzzle #16

Medium (6×6)



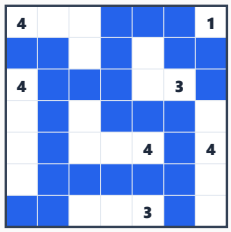
Puzzle #17

Medium (6×6)



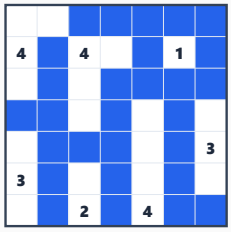
Puzzle #18

Medium (7×7)



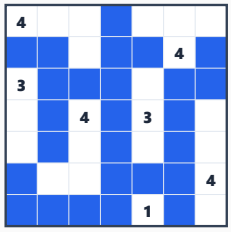
Puzzle #19

Medium (7×7)



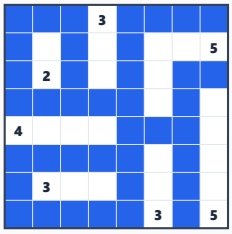
Puzzle #20

Medium (7×7)



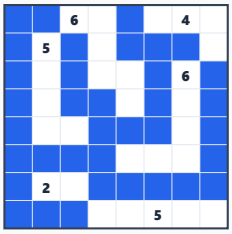
Puzzle #21

Medium (8×8)



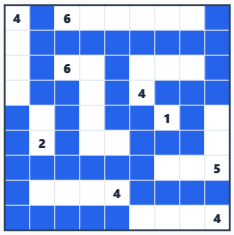
Puzzle #22

Medium (8×8)



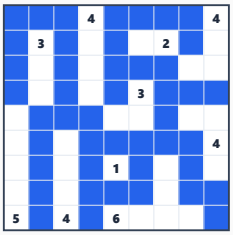
Puzzle #23

Medium (9×9)



Puzzle #24

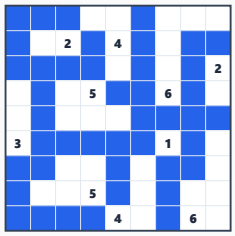
Medium (9×9)



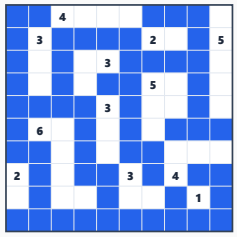
NURIKABE SOLUTIONS

Complete solved grids for Puzzles #25 to #36

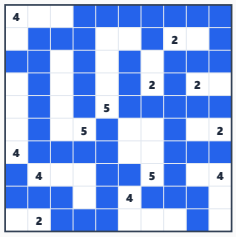
Puzzle #25
Medium (9×9)



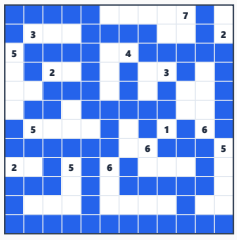
Puzzle #26
Medium (10×10)



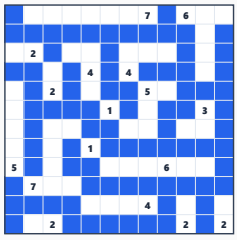
Puzzle #27
Medium (10×10)



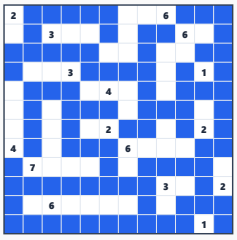
Puzzle #28
Hard (12×12)



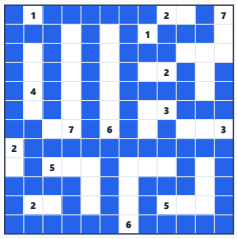
Puzzle #29
Hard (12×12)



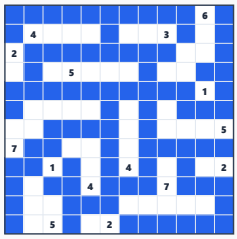
Puzzle #30
Hard (12×12)



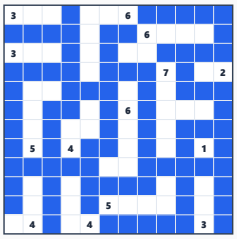
Puzzle #31
Hard (12×12)



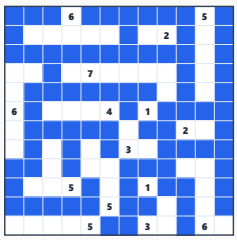
Puzzle #32
Hard (12×12)



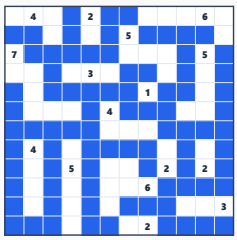
Puzzle #33
Hard (12×12)



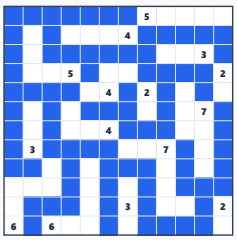
Puzzle #34
Hard (12×12)



Puzzle #35
Hard (12×12)



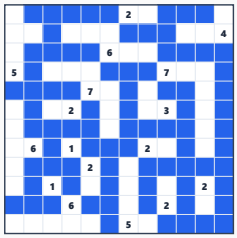
Puzzle #36
Hard (12×12)



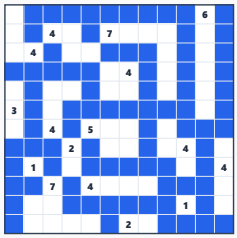
NURIKABE SOLUTIONS

Complete solved grids for Puzzles #37 to #48

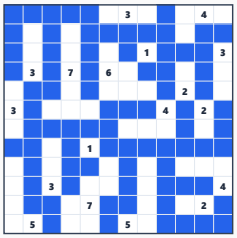
Puzzle #37
Hard (12×12)



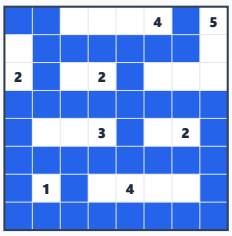
Puzzle #38
Hard (12×12)



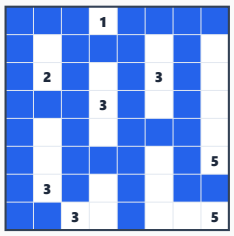
Puzzle #39
Hard (12×12)



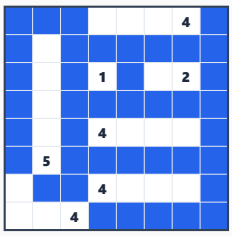
Puzzle #40
Easy+ (8×8)



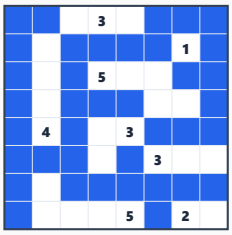
Puzzle #41
Easy+ (8×8)



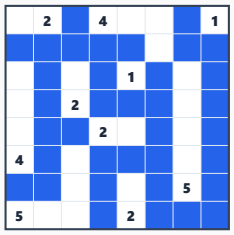
Puzzle #42
Easy+ (8×8)



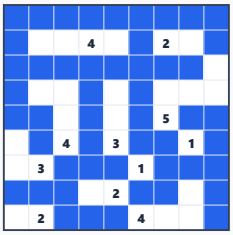
Puzzle #43
Easy+ (8×8)



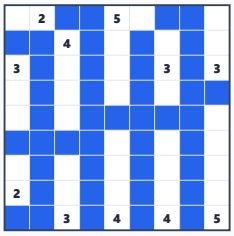
Puzzle #44
Easy+ (8×8)



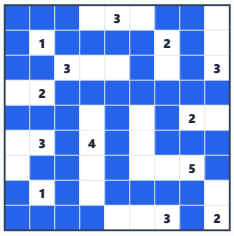
Puzzle #45
Easy+ (9×9)



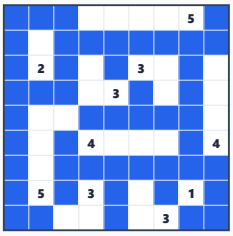
Puzzle #46
Easy+ (9×9)



Puzzle #47
Easy+ (9×9)



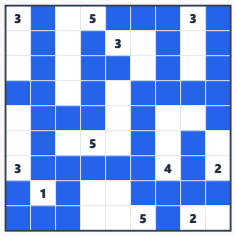
Puzzle #48
Easy+ (9×9)



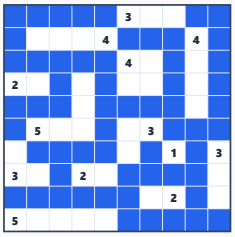
NURIKABE SOLUTIONS

Complete solved grids for Puzzles #49 to #50

Puzzle #49 Easy+ (9×9)



Puzzle #50 Easy+ (10×10)



Congratulations on completing the puzzles!

Visit aztest.org/puzzles/ for 25+ free logic puzzle games, brain teasers, and cognitive exercises.