

SLITHERLINK

44 Handcrafted Puzzles from Beginner to Expert · Solutions Included

Alternative Names: Fences · Takegaki (竹垣) · Loop the Loop · Dotty Dilemma · Sli-Lin

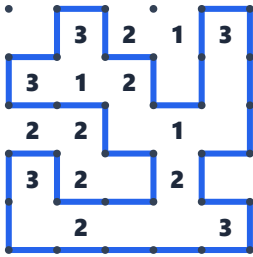
How to Play & Rules

- Draw a single continuous, non-intersecting closed loop connecting horizontally and vertically adjacent dots.
- A number inside a cell indicates exactly how many of its four boundary edges are part of the loop.
- Cells without numbers may have any number of edges (0, 1, 2, or 3) on the loop.
- The loop cannot branch, cross itself, or form multiple separate loops.
- Every board has exactly one unique solution, deducible through pure spatial deduction without guessing.

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

Difficulty Levels (44 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	8



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/slitherlink/>

Discover 25+ free logic games on AZTest: Slitherlink, Nurikabe, Calcudoku, Masyu, Galaxies, Hitori, Tents, and more.

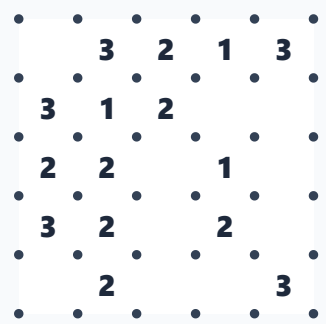
HOW TO PLAY SLITHERLINK

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

Basic Game Premise & Rules

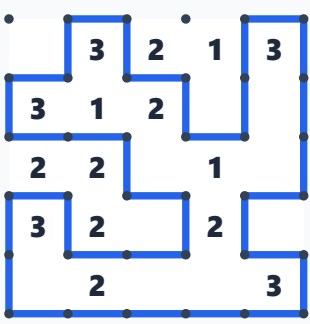
- Draw a single continuous, non-intersecting closed loop connecting horizontally and vertically adjacent dots.
- A number inside a cell indicates exactly how many of its four boundary edges are part of the loop.
- Cells without numbers may have any number of edges (0, 1, 2, or 3) on the loop.
- The loop cannot branch, cross itself, or form multiple separate loops.
- Every board has exactly one unique solution, deducible through pure spatial deduction without guessing.

Starting Board (Unsolved)



Initial clues, boundary constraints, and starting state

Completed Solution



All clues and global constraints satisfied without contradictions

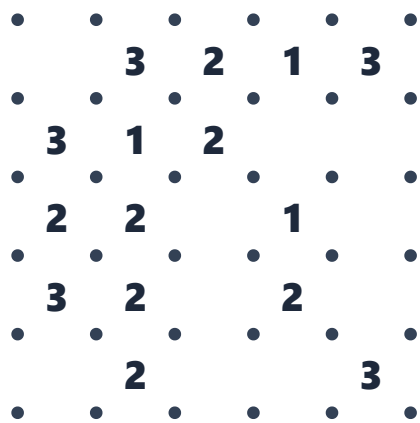
Key Deductive Strategies

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

5 × 5



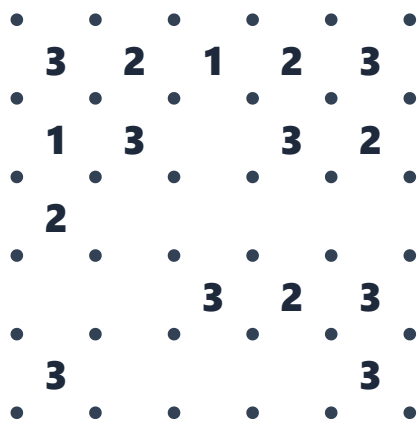
Play online: [slitherlink/#1](#)

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Puzzle #2

EASY

5 × 5



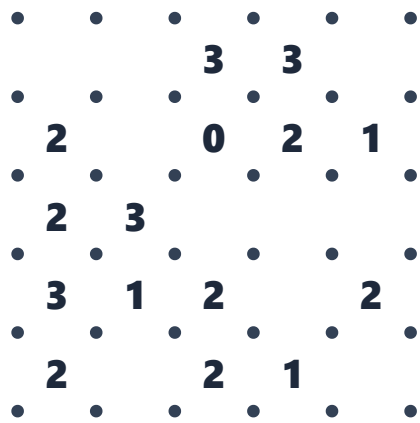
Play online: [slitherlink/#2](#)

AZTest · [aztest.org](#)

Puzzle #3

EASY

5 × 5



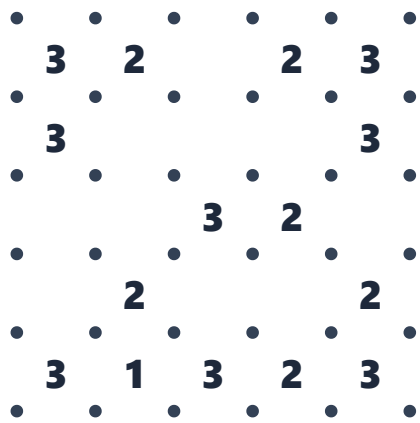
Play online: [slitherlink/#4](#)

AZTest · [aztest.org](#)

Puzzle #4

EASY

5 × 5



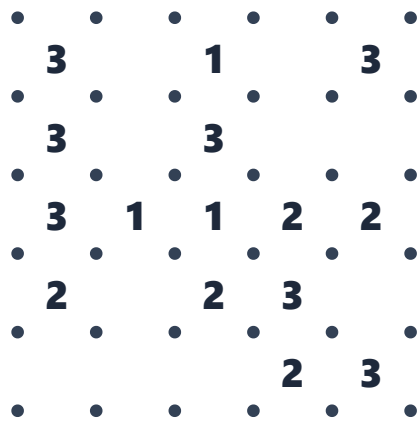
Play online: [slitherlink/#5](#)

AZTest · [aztest.org](#)

Puzzle #5

EASY

5 × 5



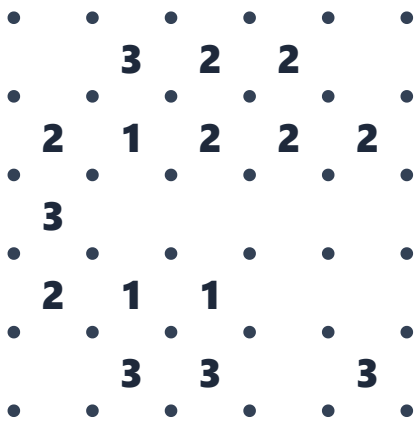
Play online: [slitherlink/#6](#)

AZTest · [aztest.org](#)

Puzzle #6

EASY

5 × 5



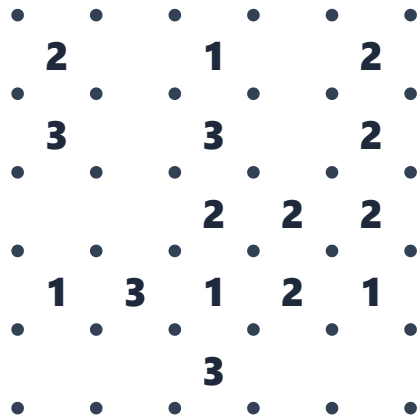
Play online: [slitherlink/#7](#)

AZTest · [aztest.org](#)

Puzzle #7

EASY

5 × 5



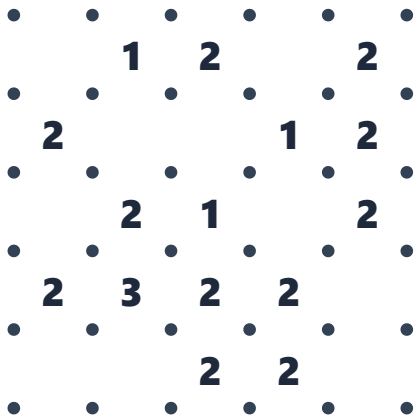
Play online: [slitherlink/#9](#)

AZTest · [aztest.org](#)

Puzzle #8

EASY

5 × 5



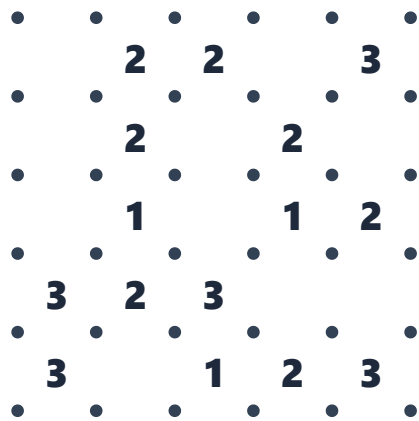
Play online: [slitherlink/#10](#)

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Puzzle #9

EASY

5 × 5



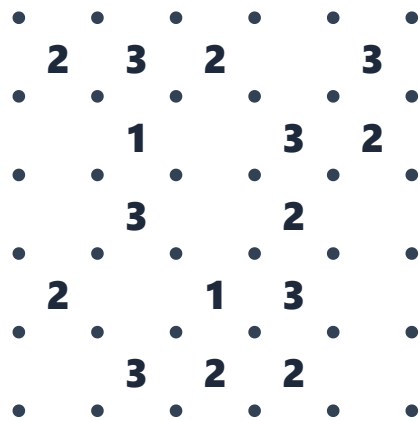
Play online: [slitherlink/#11](#)

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Puzzle #10

EASY

5 × 5



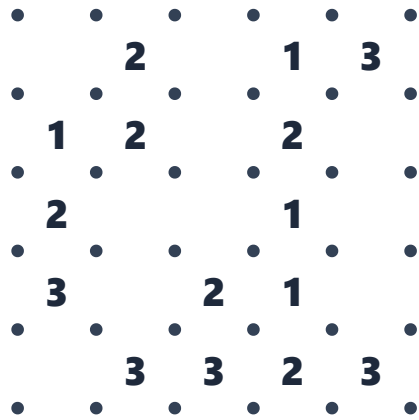
Play online: [slitherlink/#12](#)

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Puzzle #11

EASY

5 × 5



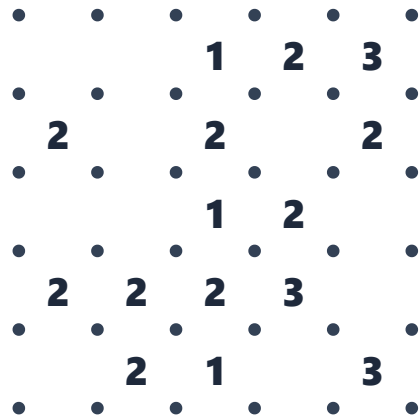
Play online: [slitherlink/#14](#)

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Puzzle #12

EASY

5 × 5



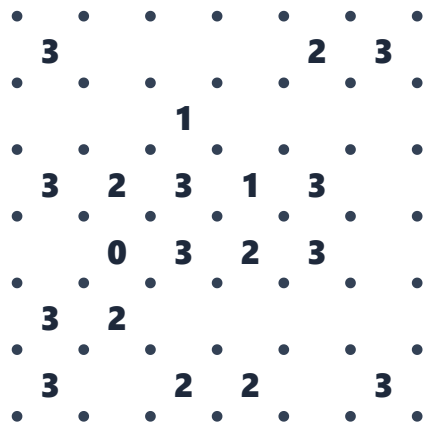
Play online: [slitherlink/#15](#)

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Puzzle #13

MEDIUM

6 × 6



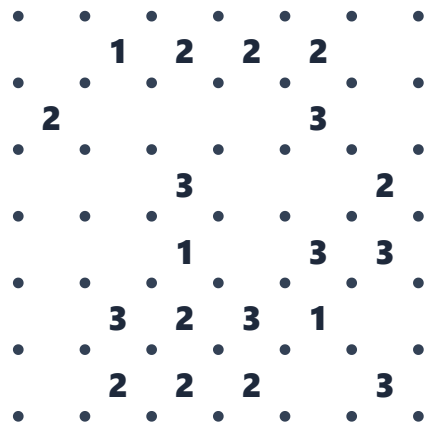
Play online: [slitherlink/#16](#)

AZTest · [aztest.org](#)

Puzzle #14

MEDIUM

6 × 6



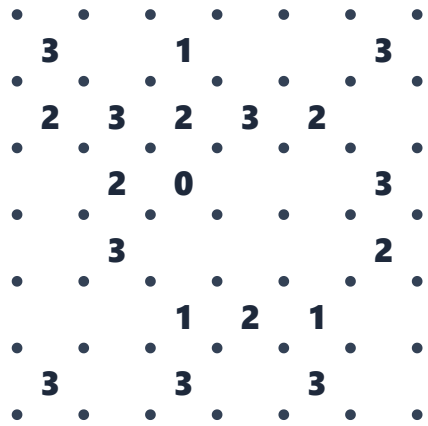
Play online: [slitherlink/#17](#)

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Puzzle #15

MEDIUM

6 × 6



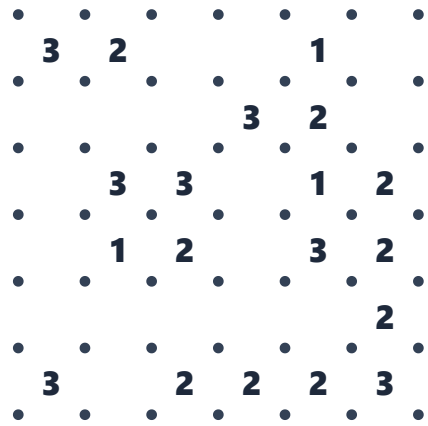
Play online: [slitherlink/#19](#)

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Puzzle #16

MEDIUM

6 × 6



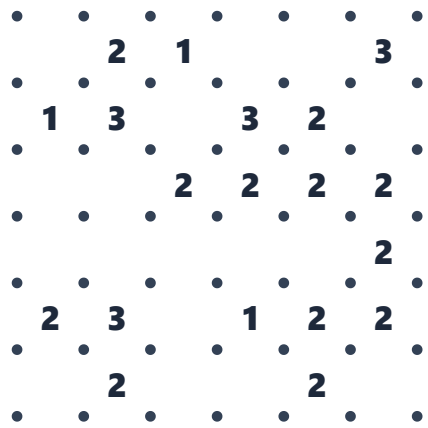
Play online: [slitherlink/#20](#)

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Puzzle #17

MEDIUM

6 × 6



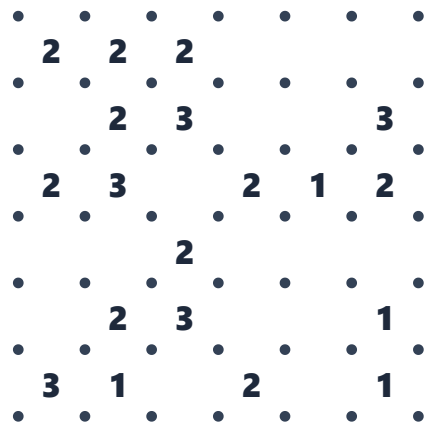
Play online: [slitherlink/#21](#)

AZTest · [aztest.org](#)

Puzzle #18

MEDIUM

6 × 6



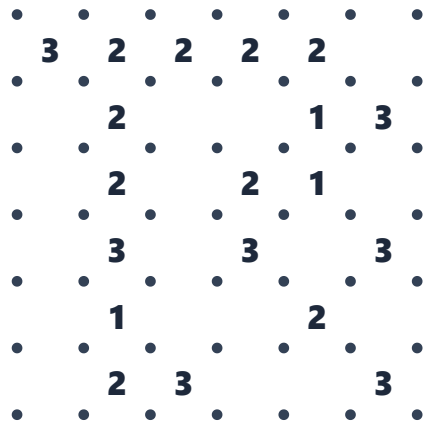
Play online: [slitherlink/#22](#)

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Puzzle #19

MEDIUM

6 × 6



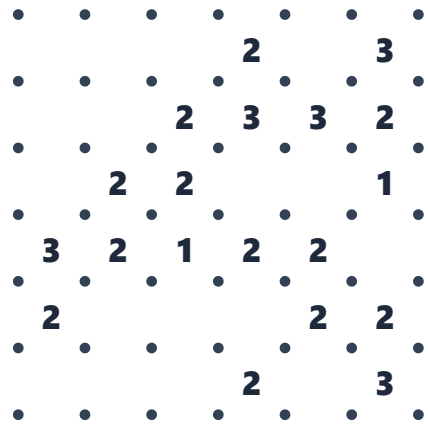
Play online: [slitherlink/#24](#)

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Puzzle #20

MEDIUM

6 × 6



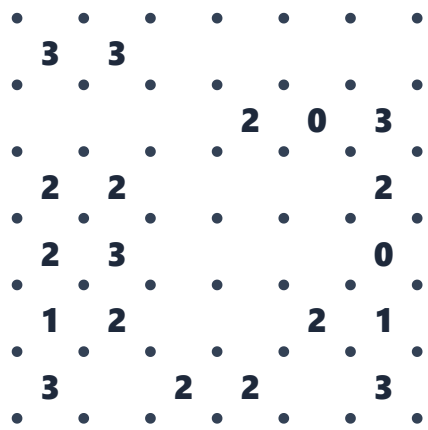
Play online: [slitherlink/#25](#)

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Puzzle #21

MEDIUM

6 × 6



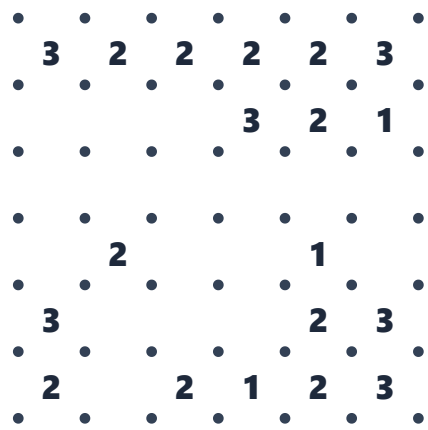
Play online: slitherlink/#26

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Puzzle #22

MEDIUM

6 × 6



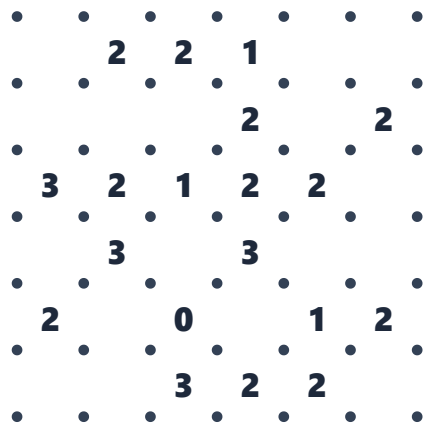
Play online: slitherlink/#27

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Puzzle #23

MEDIUM

6 × 6



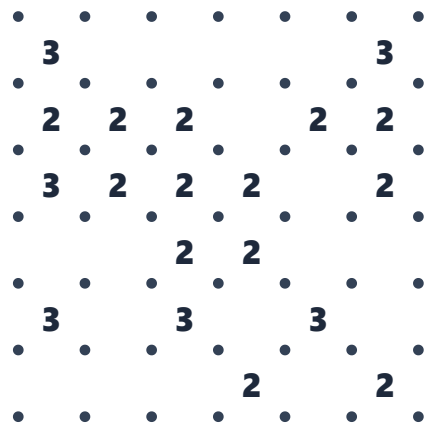
Play online: slitherlink/#29

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Puzzle #24

MEDIUM

6 × 6



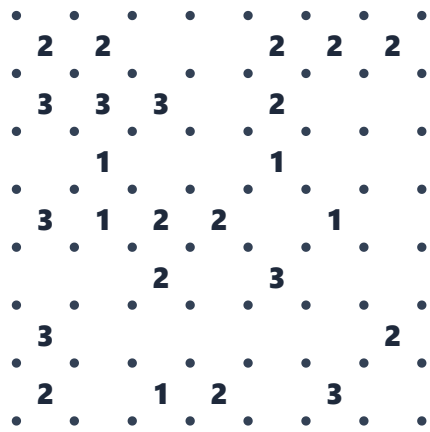
Play online: slitherlink/#30

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Puzzle #25

HARD

7 × 7



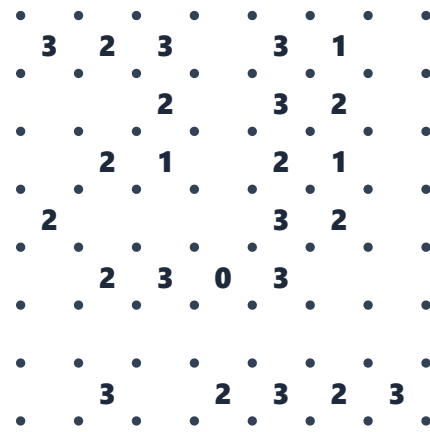
Play online: [slitherlink/#31](#)

AZTest · [aztest.org](#)

Puzzle #26

HARD

7 × 7



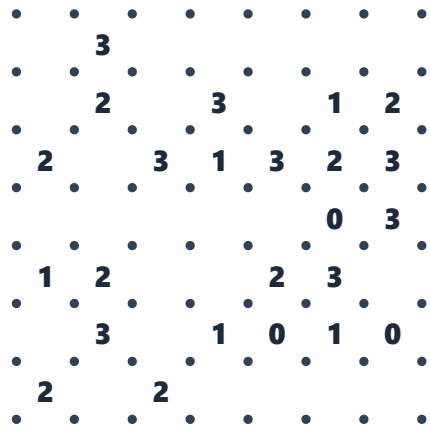
Play online: [slitherlink/#32](#)

AZTest · [aztest.org](#)

Puzzle #27

HARD

7 × 7



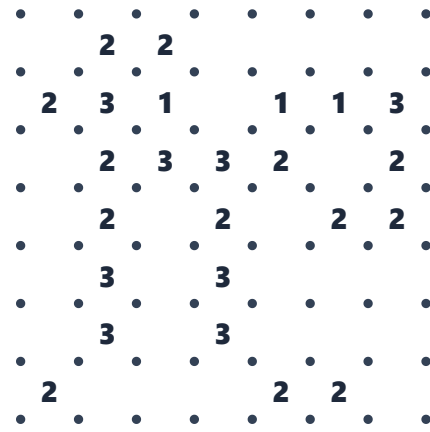
Play online: [slitherlink/#33](#)

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Puzzle #28

HARD

7 × 7



Play online: [slitherlink/#34](#)

AZTest · [aztest.org](#)

Puzzle #29 **HARD**

7 × 7

•	•	•	•	•	•	•
•	3	1	2	•	1	3
•	•	•	3	•	3	2
•	•	•	•	•	2	2
•	2	2	•	•	1	2
•	•	•	3	3	2	•
•	•	•	•	•	•	•
•	2	•	•	•	•	•
•	1	•	•	3	2	3
•	3	•	•	•	1	•
•	•	•	•	•	•	•

Play online: slitherlink/#35AZTest · aztest.org**Puzzle #30** **HARD**

7 × 7

•	•	•	•	•	•	•
•	3	2	•	•	•	3
•	•	•	2	3	1	2
•	1	2	0	•	2	3
•	•	3	•	•	•	2
•	•	2	2	2	2	3
•	•	1	•	•	•	2
•	3	•	2	•	3	•
•	•	•	•	•	•	•

Play online: slitherlink/#36AZTest · aztest.org**Puzzle #31** **HARD**

7 × 7

•	•	•	•	•	•	•
•	3	3	•	3	•	3
•	2	2	1	•	•	•
•	•	2	2	2	•	2
•	•	3	•	2	1	2
•	•	2	•	•	2	3
•	2	2	•	1	2	•
•	•	•	3	•	•	•
•	•	•	•	•	•	•

Play online: slitherlink/#37AZTest · aztest.org**Puzzle #32** **HARD**

7 × 7

•	•	•	•	•	•	•
•	3	1	2	•	3	•
•	•	3	•	•	1	2
•	•	1	•	2	•	3
•	•	3	•	•	1	2
•	2	•	•	1	•	3
•	•	•	3	•	•	2
•	•	2	2	1	3	•
•	•	•	•	•	•	•

Play online: slitherlink/#38AZTest · aztest.org

Puzzle #33

HARD

7 × 7



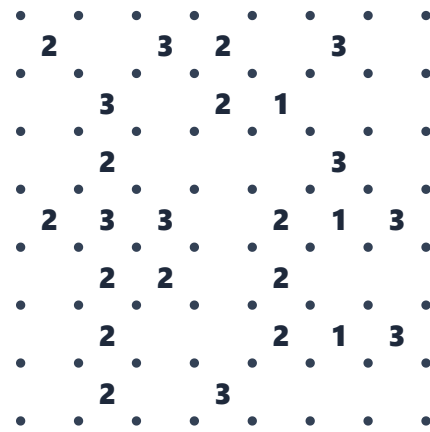
Play online: slitherlink/#39

AZTest · aztest.org

Puzzle #34

HARD

7 × 7



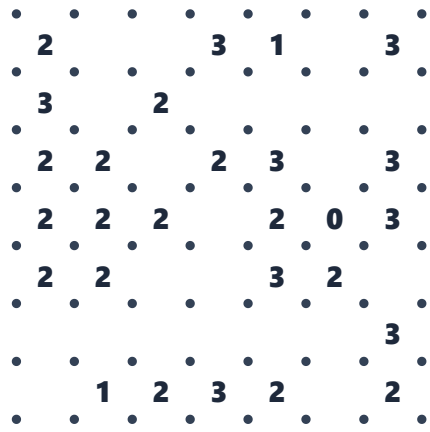
Play online: slitherlink/#40

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Puzzle #35

HARD

7 × 7



Play online: slitherlink/#41

AZTest · aztest.org

Puzzle #36

HARD

7 × 7



Play online: slitherlink/#42

AZTest · aztest.org

Puzzle #37 EXPERT

8 × 8

.	.	.	.	.	.	.	.	.
3	2	.	2	2	2	3	2	.
.	.	1	3	.	.	1	1	2
3	3	2	.	.	.	.	.	2
.	.	2	2	2	.	.	3	.
.	2	.	.	3	1	.	.	.
3	0	3	1	2	.	.	3	.
.	.	3	.	.	.	.	.	.
.	1	2	2	.	.	0	0	.
.	.	.	.	.	.	.	.	.

Play online: slitherlink/#43AZTest · aztest.org**Puzzle #38** EXPERT

8 × 8

.	.	.	.	.	.	.	.	.
0	.	1	1	3	2	2	.	.
1	1	.	.	2	.	1	3	.
3	.	2	.	2	.	1	.	.
2	2	1	.	2	.	3	.	.
2	2	2	.	2	.	.	.	.
3	.	2	.	1	2	.	2	.
.	1	.	.	2	.	.	2	.
3	.	.	3	2	.	.	.	.
.	.	.	.	.	.	.	.	.

Play online: slitherlink/#44AZTest · aztest.org**Puzzle #39** EXPERT

8 × 8

.	.	.	.	.	.	.	.	.
.	1	3	2	.	.	2	.	.
1	0	2	.	1	2	2	.	.
3	3	.	2	.	2	3	.	.
2	2	2	.	2	.	3	1	.
2	.	.	.	2	.	.	.	.
.	.	.	2	.	.	.	2	.
3	2	.	2	.	.	2	3	.
.	1	3	.	3	.	2	3	.
.	.	.	.	.	.	.	.	.

Play online: slitherlink/#45AZTest · aztest.org**Puzzle #40** EXPERT

8 × 8

.	.	.	.	.	.	.	.	.
3	.	2	.	2	2	3	1	.
.	2	.	.	3	2	2	1	.
.	1	.	0	.	2	2	3	.
.	3	.	2	.	.	1	2	.
.	.	.	1	.	.	.	3	.
2	2	1	.	3	.	.	1	.
2	2	1	.	1	.	3	3	.
.	2	.	.	2	.	.	.	.
.	.	.	.	.	.	.	.	.

Play online: slitherlink/#46AZTest · aztest.org

Puzzle #41 EXPERT

8 × 8

.	.	.	.	.	.	.	.
2	.	.	.	.	3	1	.
3	.	3	2	.	.	.	3
.	2	2	1	1	2	0	.
3	.	2	3	2	.	2	3
.	2	2	.	2	.	1	3
.	.	1	.	.	.	2	2
2	.	2	3	2	2	.	.
.	.	3	2	.	.	2	.
.	.	.	.	.	.	.	.

Play online: slitherlink/#47AZTest · aztest.org**Puzzle #42** EXPERT

8 × 8

.	.	.	.	.	.	.	.
.	1	.	.	3	.	2	3
3	2	.	.	.	.	3	1
3	1	2	2	.	.	.	.
.	.	.	.	2	.	2	.
3	2	0	2	.	1	.	.
.	3	.	.	2	.	2	3
.	3	1	2	1	.	1	.
0	2	3	2	3	.	3	2
.	.	.	.	.	.	.	.

Play online: slitherlink/#48AZTest · aztest.org**Puzzle #43** EXPERT

8 × 8

.	.	.	.	.	.	.	.
3	2	.	1	.	3	.	3
.	.	.	.	.	.	1	.
.	.	1	1	2	3	3	2
3	1	3	3	.	.	.	0
2	.	1	.	1	3	2	.
.	.	.	3	2	3	1	3
.	.	1	1	1	.	.	3
.	3	3	3	3	.	.	.
.	.	.	.	.	.	.	.

Play online: slitherlink/#49AZTest · aztest.org**Puzzle #44** EXPERT

8 × 8

.	.	.	.	.	.	.	.
3	1	2	3	1	2	2	3
2	.	3	.	.	3	1	.
.	2	.	2	.	.	1	.
.	.	2	.	.	.	2	.
2	3	2	.	3	2	3	.
1	.	.	.	1	1	.	2
.	3	2	.	.	.	.	3
3	2	3	2	.	.	.	2
.	.	.	.	.	.	.	.

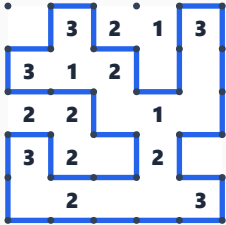
Play online: slitherlink/#50AZTest · aztest.org

SLITHERLINK SOLUTIONS

Complete solved grids for Puzzles #1 to #12

Puzzle #1

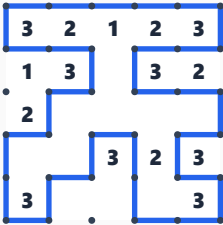
Easy (5×5)



A 5x5 grid with a blue path. Numbers are: Row 1: (1,2)=3, (1,3)=2, (1,4)=1, (1,5)=3; Row 2: (2,1)=3, (2,2)=1, (2,3)=2; Row 3: (3,1)=2, (3,2)=2, (3,4)=1; Row 4: (4,1)=3, (4,2)=2, (4,4)=2; Row 5: (5,2)=2, (5,5)=3.

Puzzle #2

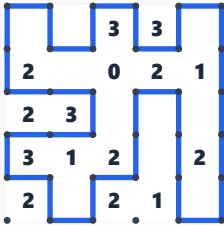
Easy (5×5)



A 5x5 grid with a blue path. Numbers are: Row 1: (1,1)=3, (1,2)=2, (1,3)=1, (1,4)=2, (1,5)=3; Row 2: (2,1)=1, (2,2)=3, (2,4)=3, (2,5)=2; Row 3: (3,1)=2, (3,4)=3, (3,5)=2; Row 4: (4,1)=3, (4,4)=2, (4,5)=3; Row 5: (5,5)=3.

Puzzle #3

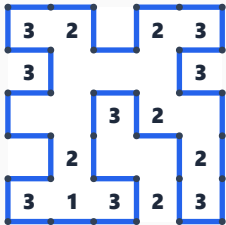
Easy (5×5)



A 5x5 grid with a blue path. Numbers are: Row 1: (1,3)=3, (1,4)=3; Row 2: (2,1)=2, (2,3)=0, (2,4)=2, (2,5)=1; Row 3: (3,1)=2, (3,2)=3; Row 4: (4,1)=3, (4,2)=1, (4,3)=2, (4,5)=2; Row 5: (5,1)=2, (5,3)=2, (5,4)=1.

Puzzle #4

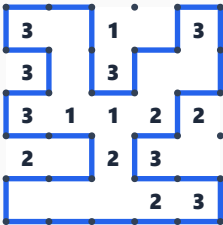
Easy (5×5)



A 5x5 grid with a blue path. Numbers are: Row 1: (1,1)=3, (1,2)=2, (1,4)=2, (1,5)=3; Row 2: (2,1)=3, (2,5)=3; Row 3: (3,3)=3, (3,4)=2; Row 4: (4,2)=2, (4,5)=2; Row 5: (5,1)=3, (5,2)=1, (5,3)=3, (5,4)=2, (5,5)=3.

Puzzle #5

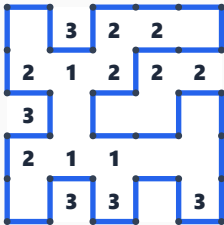
Easy (5×5)



A 5x5 grid with a blue path. Numbers are: Row 1: (1,1)=3, (1,3)=1, (1,5)=3; Row 2: (2,1)=3, (2,3)=3; Row 3: (3,1)=3, (3,2)=1, (3,3)=1, (3,4)=2, (3,5)=2; Row 4: (4,1)=2, (4,3)=2, (4,4)=3; Row 5: (5,4)=2, (5,5)=3.

Puzzle #6

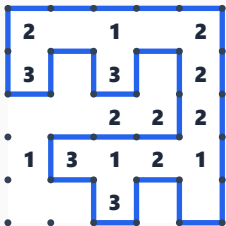
Easy (5×5)



A 5x5 grid with a blue path. Numbers are: Row 1: (1,3)=3, (1,4)=2, (1,5)=2; Row 2: (2,1)=2, (2,2)=1, (2,3)=2, (2,4)=2, (2,5)=2; Row 3: (3,1)=3; Row 4: (4,1)=2, (4,2)=1, (4,3)=1; Row 5: (5,2)=3, (5,3)=3, (5,5)=3.

Puzzle #7

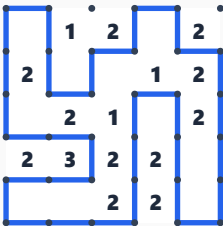
Easy (5×5)



A 5x5 grid with a blue path. Numbers are: Row 1: (1,1)=2, (1,3)=1, (1,4)=2; Row 2: (2,1)=3, (2,3)=3, (2,4)=2; Row 3: (3,3)=2, (3,4)=2, (3,5)=2; Row 4: (4,1)=1, (4,2)=3, (4,3)=1, (4,4)=2, (4,5)=1; Row 5: (5,3)=3.

Puzzle #8

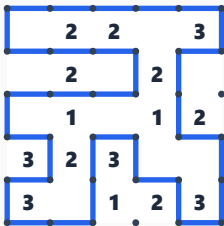
Easy (5×5)



A 5x5 grid with a blue path. Numbers are: Row 1: (1,2)=1, (1,3)=2, (1,5)=2; Row 2: (2,1)=2, (2,3)=1, (2,4)=2; Row 3: (3,1)=2, (3,2)=3, (3,3)=2, (3,4)=2, (3,5)=2; Row 4: (4,3)=2, (4,4)=2.

Puzzle #9

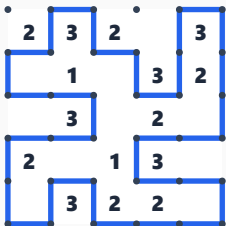
Easy (5×5)



A 5x5 grid with a blue path. Numbers are: Row 1: (1,2)=2, (1,3)=2, (1,5)=3; Row 2: (2,2)=2, (2,4)=2; Row 3: (3,2)=1, (3,4)=1, (3,5)=2; Row 4: (4,1)=3, (4,2)=2, (4,3)=3, (4,5)=2; Row 5: (5,1)=3, (5,3)=1, (5,4)=2, (5,5)=3.

Puzzle #10

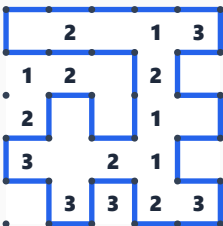
Easy (5×5)



A 5x5 grid with a blue path. Numbers are: Row 1: (1,2)=2, (1,3)=3, (1,4)=2, (1,5)=3; Row 2: (2,2)=1, (2,4)=3, (2,5)=2; Row 3: (3,2)=3, (3,4)=2; Row 4: (4,1)=2, (4,3)=1, (4,4)=3; Row 5: (5,1)=3, (5,2)=2, (5,4)=2.

Puzzle #11

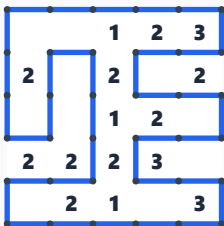
Easy (5×5)



A 5x5 grid with a blue path. Numbers are: Row 1: (1,2)=2, (1,4)=1, (1,5)=3; Row 2: (2,1)=1, (2,2)=2, (2,4)=2; Row 3: (3,1)=2, (3,4)=1; Row 4: (4,1)=3, (4,3)=2, (4,4)=1; Row 5: (5,1)=3, (5,2)=3, (5,3)=2, (5,4)=3.

Puzzle #12

Easy (5×5)



A 5x5 grid with a blue path. Numbers are: Row 1: (1,3)=1, (1,4)=2, (1,5)=3; Row 2: (2,1)=2, (2,3)=2, (2,4)=2; Row 3: (3,3)=1, (3,4)=2; Row 4: (4,1)=2, (4,2)=2, (4,3)=2, (4,4)=3; Row 5: (5,1)=2, (5,2)=1, (5,4)=3.

SLITHERLINK SOLUTIONS

Complete solved grids for Puzzles #13 to #24

Puzzle #13Medium (6×6)

Puzzle #14Medium (6×6)

Puzzle #15Medium (6×6)

Puzzle #16Medium (6×6)

Puzzle #17Medium (6×6)

Puzzle #18Medium (6×6)

Puzzle #19Medium (6×6)

Puzzle #20Medium (6×6)

Puzzle #21Medium (6×6)

Puzzle #22Medium (6×6)

Puzzle #23Medium (6×6)

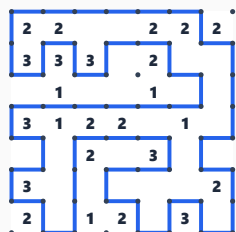
Puzzle #24Medium (6×6)

SLITHERLINK SOLUTIONS

Complete solved grids for Puzzles #25 to #36

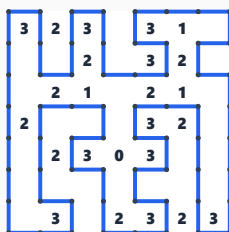
Puzzle #25

Hard (7×7)



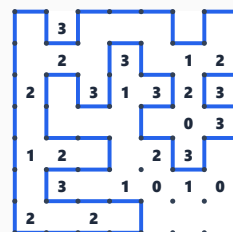
Puzzle #26

Hard (7×7)



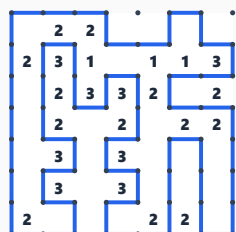
Puzzle #27

Hard (7×7)



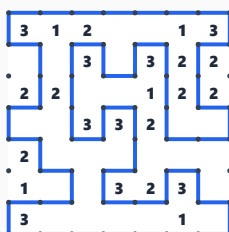
Puzzle #28

Hard (7×7)



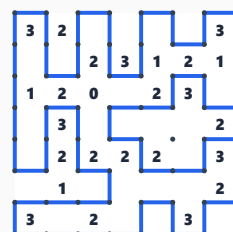
Puzzle #29

Hard (7×7)



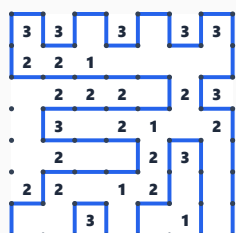
Puzzle #30

Hard (7×7)



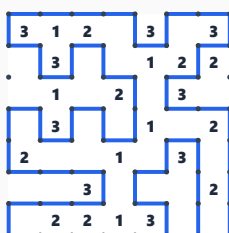
Puzzle #31

Hard (7×7)



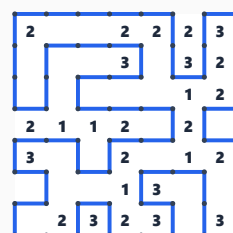
Puzzle #32

Hard (7×7)



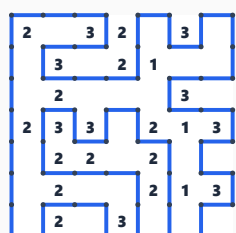
Puzzle #33

Hard (7×7)



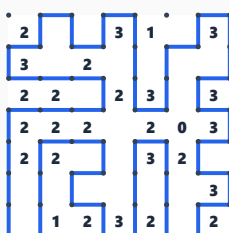
Puzzle #34

Hard (7×7)



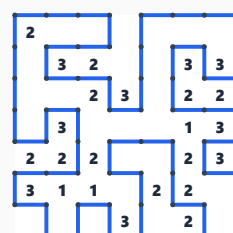
Puzzle #35

Hard (7×7)



Puzzle #36

Hard (7×7)

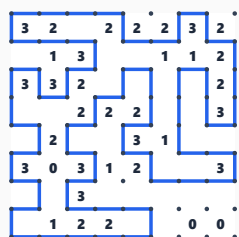


SLITHERLINK SOLUTIONS

Complete solved grids for Puzzles #37 to #44

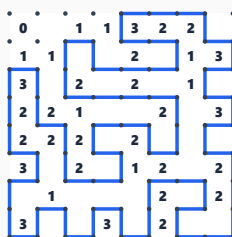
Puzzle #37

Expert (8×8)



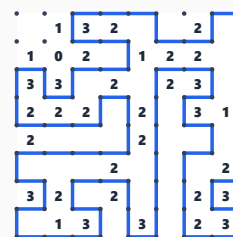
Puzzle #38

Expert (8×8)



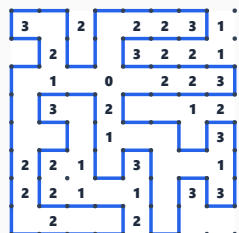
Puzzle #39

Expert (8×8)



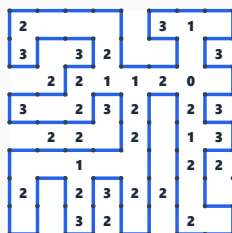
Puzzle #40

Expert (8×8)



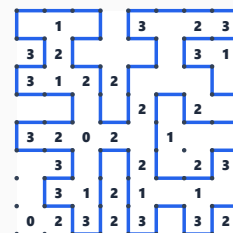
Puzzle #41

Expert (8×8)



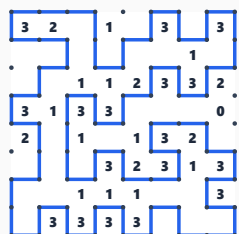
Puzzle #42

Expert (8×8)



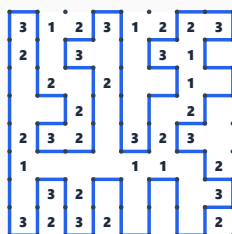
Puzzle #43

Expert (8×8)



Puzzle #44

Expert (8×8)



Congratulations on completing the puzzles!

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