

BEGRIDDLED!

**A Selection of 12 Puzzles
From Begriddled! Books**



Nick Rice

Begriddled is a new kind of pencil and paper puzzle where you join numbers to reveal hidden words, pictures, and even other puzzles.

There are two versions:

- Regular puzzles, where you are given the sequence of numbers (or other characters) to join;
- Logic puzzles, where you must work out the sequence for yourself.

This selection of puzzles is drawn from the books Begriddled! A New Kind of Puzzle, ISBN 978-1-9163250-0-5, and Begriddled! Logic, ISBN 978-1-9163250-1-2.

Both books are available from Amazon.

For more about Begriddled puzzles, please visit www.begriddled.com.

If you'd like to be notified of new Begriddled books at the best price, make sure you join my Begriddled mailing list at www.begriddled.com/maillinglist.

For solutions visit

www.begriddled.com/solutions

and enter the code beneath the puzzle.

Part One

Regular Puzzles

Six Begriddled regular puzzles from the book

Begriddled! A New Kind of Puzzle

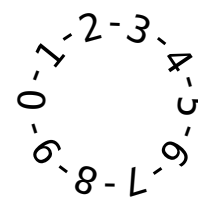
ISBN 978-1-9163250-0-5

Available from Amazon

How To Complete a Regular Begriddled Puzzle

A Begriddled puzzle consists of a grid of numbers, or other characters, and a circular sequence that tells you how to join those together.

Here's an example.



| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 2 | 3 | 6 | 2 | 9 | 2 | 1 | 8 | 2 | 7 | 9 | 6 | 2 | 4 | 2 | 0 | 2 |
| 1 | . | . | 2 | 0 | 0 | 3 | 0 | 6 | 4 | 9 | 3 | 9 | 4 | 7 | 4 | 7 | 5 |
| 6 | 0 | 1 | 0 | 5 | 5 | 0 | 6 | 4 | 2 | 6 | 5 | 6 | 9 | 9 | 3 | 1 | 1 |
| 1 | 9 | 0 | 3 | 6 | 7 | 5 | 9 | 1 | 2 | 7 | 4 | 7 | 9 | 9 | 3 | 0 | 9 |
| 3 | 8 | 1 | 6 | 3 | 0 | 7 | 3 | 6 | 9 | 2 | 9 | 4 | 9 | 3 | 7 | 5 | 7 |

There are three simple rules. The first is so trivial and cosmetic that it hardly warrants the term. So I call it Rule 0.

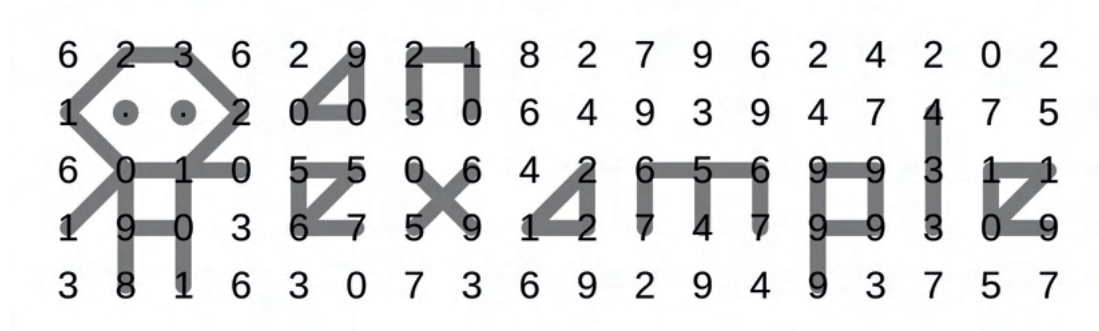
Rule 0: Dots are dots.

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 2 | 3 | 6 | 2 | 9 | 2 | 1 | 8 | 2 | 7 | 9 | 6 | 2 | 4 | 2 | 0 | 2 |
| 1 | • | • | 2 | 0 | 0 | 3 | 0 | 6 | 4 | 9 | 3 | 9 | 4 | 7 | 4 | 7 | 5 |
| 6 | 0 | 1 | 0 | 5 | 5 | 0 | 6 | 4 | 2 | 6 | 5 | 6 | 9 | 9 | 3 | 1 | 1 |
| 1 | 9 | 0 | 3 | 6 | 7 | 5 | 9 | 1 | 2 | 7 | 4 | 7 | 9 | 9 | 3 | 0 | 9 |
| 3 | 8 | 1 | 6 | 3 | 0 | 7 | 3 | 6 | 9 | 2 | 9 | 4 | 9 | 3 | 7 | 5 | 7 |

Rule 1: Except for dots, join vertically and horizontally adjacent characters that are the same.

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|-----|---|---|---|---|---|---|---|-----|-----|-----|-----|---|---|
| 6 | 2 | 3 | 6 | 2 | 9 | 2 | 1 | 8 | 2 | 7 | 9 | 6 | 2 | 4 | 2 | 0 | 2 |
| 1 | • | • | 2 | 0-0 | 3 | 0 | 6 | 4 | 9 | 3 | 9 | 4 | 7 | 4 | 7 | 5 | |
| 6 | 0 | 1 | 0 | 5-5 | 0 | 6 | 4 | 2 | 6 | 5 | 6 | 9-9 | 9-9 | 3 | 1-1 | | |
| 1 | 9 | 0 | 3 | 6 | 7 | 5 | 9 | 1 | 2 | 7 | 4 | 7 | 9-9 | 9-9 | 3 | 0 | 9 |
| 3 | 8 | 1 | 6 | 3 | 0 | 7 | 3 | 6 | 9 | 2 | 9 | 4 | 9 | 3 | 7 | 5 | 7 |

Rule 2: Join diagonally, vertically, and horizontally adjacent characters that are next to each other in the sequence.



The characters in the circle always have their bases pointing towards the centre. So you could tell which is which of the 6 and 9 even if they weren't in the obvious order of this example.

That's really all there is to it.

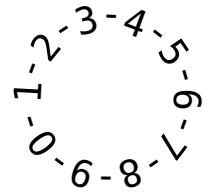
The sequence can be any ten different characters in any order. If it contains letters then upper and lower case are treated as being the same.

You can view a video of a version of this example with a different sequence being completed at www.begriddled.com/regular-howto.

Odd One Out

Which four letter word can be added to the end of each row and last column of letters in this puzzle?

Which is the odd one out?

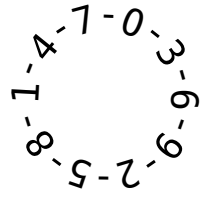


| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 3 | 8 | 3 | 2 | 1 | 4 | 4 | 1 | 7 | 4 | 6 | 4 | 5 | 5 | 9 | 6 | 1 |
| 7 | 9 | 7 | 4 | 5 | 8 | 4 | 1 | 3 | 6 | 2 | 6 | 3 | 2 | 1 | 5 | 4 | 5 |
| 6 | 4 | 6 | 3 | 2 | 2 | 5 | 4 | 8 | 5 | 6 | 7 | 9 | 9 | 0 | 6 | 8 | 6 |
| 1 | 2 | 1 | 8 | 9 | 0 | 7 | 8 | 0 | 3 | 2 | 9 | 5 | 6 | 6 | 2 | 6 | 0 |
| 0 | 9 | 0 | 4 | 8 | 3 | 8 | 7 | 8 | 2 | 1 | 2 | 6 | 1 | 6 | 1 | 3 | 1 |
| 1 | 6 | 8 | 6 | 7 | 6 | 9 | 0 | 9 | 3 | 4 | 3 | 7 | 6 | 7 | 1 | 9 | 2 |
| 3 | 4 | 3 | 0 | 2 | 4 | 6 | 4 | 6 | 9 | 8 | 7 | 3 | 9 | 1 | 5 | 4 | 5 |
| 2 | 1 | 6 | 9 | 4 | 6 | 9 | 7 | 9 | 3 | 7 | 5 | 2 | 4 | 2 | 6 | 1 | 0 |
| 3 | 6 | 4 | 0 | 1 | 2 | 4 | 6 | 1 | 9 | 8 | 9 | 1 | 8 | 3 | 7 | 8 | 9 |
| 0 | 9 | 2 | 8 | 5 | 9 | 6 | 9 | 4 | 1 | 2 | 1 | 4 | 5 | 5 | 3 | 5 | 2 |
| 9 | 2 | 8 | 4 | 3 | 4 | 7 | 5 | 3 | 0 | 9 | 8 | 3 | 2 | 8 | 2 | 7 | 9 |
| 8 | 7 | 0 | 3 | 1 | 3 | 8 | 0 | 3 | 5 | 6 | 7 | 4 | 5 | 4 | 1 | 2 | 3 |
| 2 | 2 | 3 | 7 | 3 | 1 | 5 | 6 | 5 | 8 | 9 | 0 | 2 | 7 | 9 | 6 | 5 | 6 |
| 2 | 7 | 5 | 8 | 5 | 0 | 3 | 5 | 1 | 3 | 0 | 5 | 2 | 5 | 3 | 7 | 8 | 1 |
| 1 | 0 | 1 | 9 | 0 | 1 | 8 | 6 | 9 | 7 | 9 | 7 | 1 | 0 | 0 | 6 | 5 | 4 |
| 7 | 6 | 7 | 3 | 7 | 5 | 3 | 4 | 3 | 5 | 4 | 3 | 7 | 8 | 8 | 2 | 1 | 2 |
| 8 | 9 | 8 | 3 | 0 | 5 | 2 | 1 | 8 | 6 | 7 | 1 | 6 | 5 | 0 | 3 | 4 | 3 |
| 7 | 3 | 5 | 2 | 3 | 4 | 1 | 5 | 3 | 5 | 3 | 9 | 7 | 8 | 7 | 2 | 9 | 5 |

For solution visit www.begriddled.com/solutions and enter BFGBD

Don't Stand There!

Best get out of the way pretty sharpish if you get this view.



| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9 | 5 | 6 | 3 | 0 | 3 | 0 | 7 | 7 | 4 | 1 | 9 | 0 |
| 7 | 9 | 4 | 5 | 5 | 2 | 9 | 9 | 2 | 9 | 3 | 4 | 8 |
| 1 | 2 | 8 | 9 | 3 | 7 | 8 | 7 | 4 | 8 | 2 | 7 | 9 |
| 2 | 9 | 1 | 3 | 9 | 1 | 7 | 7 | 7 | 0 | 9 | 4 | 1 |
| 9 | 6 | 4 | 7 | 4 | 7 | 0 | 3 | 6 | 3 | 6 | 7 | 4 |
| 3 | 8 | 6 | 2 | 8 | 5 | 2 | 5 | 2 | 8 | 7 | 2 | 0 |
| 6 | 7 | 0 | 1 | 3 | 0 | 7 | 4 | 7 | 9 | 8 | 8 | 3 |
| 6 | 7 | 0 | 4 | 6 | 3 | 0 | 7 | 0 | 2 | 1 | 1 | 6 |
| 3 | 1 | 8 | 4 | 3 | 6 | 3 | 0 | 7 | 2 | 0 | 7 | 3 |
| 6 | 8 | 5 | 4 | 4 | 7 | 4 | 1 | 8 | 5 | 7 | 4 | 6 |
| 6 | 6 | 9 | 6 | 6 | 6 | 9 | 2 | 9 | 6 | 6 | 6 | 9 |
| 8 | 6 | 9 | 6 | 0 | 4 | 8 | 7 | 1 | 3 | 3 | 3 | 1 |

For solution visit www.begriddled.com/solutions and enter MSKJJ

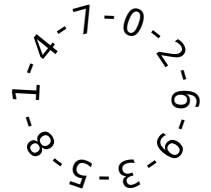
Remember Your Paddle!

Imagine this. Best not attempt it for real.

Launch your canoe at Blackfriars Bridge and head west out of London along the Thames. No view of Tower Bridge.

Paddle as far as Windsor and get out a little downstream of Alexander Park.

Which place do you see across the river?



3 6 0 5 9 0 1 6 3 8 3 1 3 6 0 1 0 4 0 9
0 1 4 1 4 5 6 3 7 3 2 7 6 4 5 6 3 8 4 5
6 8 0 2 5 7 1 6 8 2 7 1 5 0 6 0 6 0 9 0
7 5 7 1 6 7 6 3 4 6 2 7 1 4 0 4 3 7 0 9
2 5 0 2 3 4 5 8 5 2 5 4 5 2 3 2 5 0 9 0
9 8 1 8 1 2 3 9 9 0 2 4 9 1 0 1 5 0 0 8
8 7 2 7 2 1 7 2 5 9 4 5 0 5 6 5 9 4 8 9

For solution visit www.begriddled.com/solutions and enter XQBWB

Big League Aspirations

I've mixed feelings about the advice in this puzzle. Often it just isn't the sensible thing to do. But if I could go back and have a word with my younger self about it, I'd say, "go for it!"

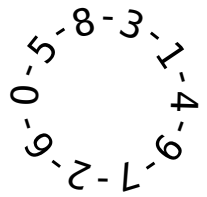


d b i d e y r i a l d g g y
i e d e i m i r l d m d m i
g d l e y i l a b l l i e i
b a b a m m y m r g i m d m
g b d l r i r i m y e d i l
b d l b g a m y e m b e m i
a b a r l m b d r b g y i r
l r r i m e d g b a r a y i
b r i e l g e e g r i g i r
m d r m g d a m d r b l b e
e b m r m g d l i l a d r l

For solution visit www.begriddled.com/solutions and enter GXHGK

Twist and Turn

There's just one way through this. You'll see what I mean when you've made the connections.



| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 3 | 8 | 5 | 0 | 5 | 8 | 3 | 1 | 4 | 1 | 4 |
| 9 | 7 | 2 | 7 | 9 | 6 | 6 | 0 | 7 | 9 | 0 | 9 |
| 7 | 6 | 1 | 8 | 3 | 7 | 1 | 4 | 6 | 4 | 0 | 7 |
| 7 | 4 | 5 | 1 | 0 | 8 | 2 | 6 | 9 | 6 | 7 | 2 |
| 9 | 8 | 2 | 7 | 2 | 6 | 9 | 5 | 4 | 1 | 0 | 6 |
| 4 | 2 | 3 | 8 | 7 | 0 | 5 | 7 | 8 | 8 | 3 | 0 |
| 9 | 7 | 1 | 4 | 7 | 3 | 7 | 2 | 7 | 6 | 2 | 6 |
| 4 | 1 | 4 | 8 | 1 | 7 | 9 | 6 | 4 | 9 | 4 | 2 |
| 1 | 0 | 6 | 0 | 5 | 6 | 0 | 9 | 6 | 3 | 1 | 2 |
| 4 | 5 | 7 | 5 | 1 | 8 | 5 | 2 | 8 | 4 | 2 | 7 |
| 1 | 8 | 5 | 9 | 2 | 3 | 1 | 6 | 9 | 7 | 5 | 2 |
| 4 | 9 | 7 | 2 | 6 | 0 | 5 | 5 | 0 | 5 | 0 | 5 |

For solution visit www.begriddled.com/solutions and enter GCGHQ

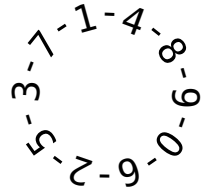
Sudoku

Begriddled Sudoku is the same as the standard version except you first have to find the "givens" (the starting numbers in any given Sudoku puzzle) by completing the Begriddled part of it.

The rules are, simple:

Fill in the puzzle so that you have nine rows made up of the nine numbers 1 through 9. Every row, column and each of the nine 3x3 squares must contain all nine numbers.

A superficial difference is that most Sudoku puzzles have lines drawn in to separate each row and column, so every number goes into its own little box. You can draw these lines in yourself if you wish!



| | | |
|-------------------|-------------------|-------------------|
| 3 0 4 0 8 0 7 1 7 | 9 2 4 2 6 0 7 0 5 | 7 3 5 7 7 1 5 1 3 |
| 8 2 0 2 7 2 3 5 3 | 2 3 0 4 9 4 0 5 8 | 1 4 8 5 4 8 1 9 6 |
| 3 1 3 8 2 9 4 1 7 | 4 0 4 0 4 2 7 0 5 | 6 0 9 6 0 9 2 3 1 |
| 0 8 0 3 1 3 6 2 5 | 0 5 0 7 0 7 2 8 7 | 4 3 4 7 4 2 3 2 8 |
| 1 0 1 0 8 6 8 3 1 | 5 1 8 0 2 8 0 7 2 | 0 2 9 5 9 3 1 3 2 |
| 3 2 0 5 7 8 5 8 6 | 9 5 0 2 7 0 5 4 7 | 4 3 1 6 1 6 8 2 8 |
| 9 8 4 7 6 7 6 5 7 | 5 7 8 7 4 5 7 9 5 | 9 6 8 3 6 8 7 1 7 |
| 6 1 7 0 2 9 4 7 6 | 7 8 5 6 7 9 4 5 9 | 1 3 6 5 2 6 3 5 3 |
| 5 5 3 2 5 2 7 5 7 | 5 7 6 9 6 5 6 9 1 | 3 6 1 9 5 8 7 1 7 |
| 1 8 0 4 0 7 8 0 4 | 7 5 9 1 4 1 5 5 2 | 8 8 9 6 1 0 2 9 6 |
| 8 1 5 8 9 8 0 7 0 | 5 9 5 7 3 5 9 0 6 | 1 0 6 9 3 2 7 4 9 |
| 1 5 6 7 8 7 8 5 8 | 1 6 4 6 6 2 8 4 8 | 3 5 2 4 9 4 0 7 5 |
| 8 1 8 5 7 6 5 0 5 | 8 5 6 9 7 8 0 2 3 | 6 4 9 3 4 7 5 0 7 |
| 6 8 1 8 6 8 1 5 7 | 6 1 9 7 2 0 3 4 9 | 4 9 3 9 6 5 0 8 5 |
| 7 5 0 5 8 1 5 9 4 | 9 3 2 9 4 3 4 3 6 | 9 3 2 1 5 1 8 5 6 |
| 6 8 5 1 5 0 1 6 3 | 4 4 1 2 6 2 0 4 9 | 6 1 0 8 9 0 5 6 7 |
| 5 6 1 8 0 1 0 2 9 | 6 7 0 5 3 5 4 5 6 | 9 3 2 4 1 4 7 4 5 |
| 6 1 6 3 1 0 2 5 3 | 1 5 7 2 6 2 7 6 9 | 3 2 3 8 9 8 6 7 0 |
| 9 5 8 6 2 2 0 4 6 | 9 6 4 7 4 7 8 5 6 | 9 3 1 6 2 6 8 8 4 |
| 3 2 1 0 9 0 7 5 9 | 6 4 9 2 9 2 0 1 9 | 1 2 3 0 9 0 1 7 1 |
| 2 6 0 2 2 6 5 6 1 | 3 9 7 4 2 1 2 3 1 | 3 1 8 6 2 6 4 8 8 |
| 8 3 1 0 7 8 7 8 3 | 9 6 4 7 0 8 3 0 3 | 6 2 6 8 7 9 7 6 3 |
| 0 2 0 8 5 0 8 2 1 | 3 4 7 5 8 3 2 3 4 | 0 9 0 5 6 4 5 4 9 |
| 8 7 8 7 8 5 0 8 2 | 9 2 9 6 1 8 3 2 0 | 5 2 6 7 5 9 4 5 4 |
| 6 8 7 0 6 0 7 2 7 | 2 3 1 5 5 3 8 0 1 | 8 4 4 9 4 6 5 4 7 |
| 7 6 5 9 8 9 3 5 2 | 8 0 8 6 7 1 0 2 3 | 9 0 9 2 7 4 9 5 6 |
| 5 9 1 0 6 0 1 2 7 | 0 8 5 8 8 4 3 0 2 | 8 4 8 7 9 6 5 6 9 |

For solution visit www.begriddled.com/solutions and enter ZKGGX

Part Two

Logic Puzzles

Six Begriddled logic puzzles from the book*

Begriddled! Logic

ISBN 978-1-9163250-1-2

Available from Amazon

*I created this set shortly before publication and one of these went in slightly modified. So, tautologically speaking, the version here is different.

How To Solve a Begriddled Logic Puzzle

Begriddled logic puzzles work just like regular ones except that you must work out the sequence for yourself. You do that using given "logic rules," for example, that no shape is more than three numbers wide or tall.

A little terminology will help convey these rules.

Line segment (or simply, a segment)

A line drawn between two adjacent numbers.

Shape

A full set of line segments that all join together.

Here's an example that contains just a few letters. You can see a video of it being solved at www.begriddled.com/logic-howto.

The logic rule is: No shape is more than three numbers wide or tall.

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 6 | 4 | 2 | 0 | 4 | 6 | 9 | 5 | 9 | 7 | 6 | 7 | 6 | 4 | 3 | 4 | 0 | 2 |
| 3 | 3 | 3 | 0 | 3 | 2 | 5 | 7 | 0 | 7 | 9 | 5 | 6 | 1 | 3 | 0 | 2 | 3 | 8 |
| 6 | 3 | 7 | 3 | 8 | 6 | 3 | 9 | 7 | 5 | 6 | 4 | 5 | 3 | 4 | 4 | 3 | 0 | 3 |
| 3 | 3 | 2 | 9 | 7 | 4 | 5 | 1 | 8 | 0 | 0 | 2 | 3 | 0 | 7 | 2 | 5 | 1 | 5 |
| 1 | 8 | 1 | 8 | 5 | 0 | 4 | 2 | 3 | 2 | 3 | 4 | 2 | 8 | 0 | 5 | 2 | 6 | 2 |
| 8 | 7 | 9 | 8 | 9 | 9 | 8 | 4 | 5 | 1 | 6 | 6 | 5 | 3 | 8 | 4 | 6 | 1 | 6 |
| 7 | 1 | 7 | 8 | 2 | 7 | 6 | 0 | 3 | 9 | 8 | 4 | 3 | 7 | 0 | 6 | 4 | 6 | 2 |
| 9 | 7 | 3 | 0 | 5 | 6 | 9 | 7 | 0 | 7 | 5 | 2 | 1 | 8 | 7 | 9 | 1 | 2 | 4 |

There will be more than one way to discover the sequence for this puzzle. The following steps are the way I went about it.

Step 1: Join and use the bunch of 3s at the top left

When you join the 3s at the top left you get a shape (or, at least, part of a shape) that is already at the maximum width and height of three numbers, as given in the logic rule.

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 6 | 4 | 2 | 0 | 4 | 6 | 9 | 5 | 9 | 7 | 6 | 7 | 6 | 4 | 3 | 4 | 0 | 2 |
| 3 | 3 | 3 | 0 | 3 | 2 | 5 | 7 | 0 | 7 | 9 | 5 | 6 | 1 | 3 | 0 | 2 | 3 | 8 |
| 6 | 3 | 7 | 3 | 8 | 6 | 3 | 9 | 7 | 5 | 6 | 4 | 5 | 3 | 4 | 4 | 3 | 0 | 3 |
| 3 | 3 | 2 | 9 | 7 | 4 | 5 | 1 | 8 | 0 | 0 | 2 | 3 | 0 | 7 | 2 | 5 | 1 | 5 |
| 1 | 8 | 1 | 8 | 5 | 0 | 4 | 2 | 3 | 2 | 3 | 4 | 2 | 8 | 0 | 5 | 2 | 6 | 2 |
| 8 | 7 | 9 | 8 | 9 | 9 | 8 | 4 | 5 | 1 | 6 | 6 | 5 | 3 | 8 | 4 | 6 | 1 | 6 |
| 7 | 1 | 7 | 8 | 2 | 7 | 6 | 0 | 3 | 9 | 8 | 4 | 3 | 7 | 0 | 6 | 4 | 6 | 2 |
| 9 | 7 | 3 | 0 | 5 | 6 | 9 | 7 | 0 | 7 | 5 | 2 | 1 | 8 | 7 | 9 | 1 | 2 | 4 |

Notice that if 3 were to join to any of 7, 6, 4, or 2 at the top, 0 to the right, or 1 or 8 at the bottom, the resulting shape would be four numbers wide or tall. This would break the logic rule. So none of these can join to 3.

The only remaining numbers, apart from 3 itself of course, are 5 and 9.

Therefore 3 must lie between 5 and 9 in the sequence: 5-3-9.

Step 2: Join and use the column of 8s near the bottom left

These also make a shape three numbers tall, so nothing can join to it above or below.

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 6 | 4 | 2 | 0 | 4 | 6 | 9 | 5 | 9 | 7 | 6 | 7 | 6 | 4 | 3 | 4 | 0 | 2 |
| 3 | 3 | 3 | 0 | 3 | 2 | 5 | 7 | 0 | 7 | 9 | 5 | 6 | 1 | 3 | 0 | 2 | 3 | 8 |
| 6 | 3 | 7 | 3 | 8 | 6 | 3 | 9 | 7 | 5 | 6 | 4 | 5 | 3 | 4 | 4 | 3 | 0 | 3 |
| 3 | 3 | 2 | 9 | 7 | 4 | 5 | 1 | 8 | 0 | 0 | 2 | 3 | 0 | 7 | 2 | 5 | 1 | 5 |
| 1 | 8 | 1 | 8 | 5 | 0 | 4 | 2 | 3 | 2 | 3 | 4 | 2 | 8 | 0 | 5 | 2 | 6 | 2 |
| 8 | 7 | 9 | 8 | 9 | 9 | 8 | 4 | 5 | 1 | 6 | 6 | 5 | 3 | 8 | 4 | 6 | 1 | 6 |
| 7 | 1 | 7 | 8 | 2 | 7 | 6 | 0 | 3 | 9 | 8 | 4 | 3 | 7 | 0 | 6 | 4 | 6 | 2 |
| 9 | 7 | 3 | 0 | 5 | 6 | 9 | 7 | 0 | 7 | 5 | 2 | 1 | 8 | 7 | 9 | 1 | 2 | 4 |

So these 8s cannot join to the 2, 9, or 7 above, or the 0, 3, or 5 below, though we already know it can't join to the 3 from the previous step. Out to the left from the top of these 8s, if 8 joined to 1 then there would be a line four numbers wide. So it can't join to 1 either. There are only two possibilities left: 4 and 6.

Therefore 8 must lie between 4 and 6 in the sequence: 4-8-6.

Step 3: Join the vertical 5-3-5 as shown below

We now have two parts of the sequence: 5-3-9 and 4-8-6. So we know we can join the 3 to 5 to make another line three numbers tall.

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 6 | 4 | 2 | 0 | 4 | 6 | 9 | 5 | 9 | 7 | 6 | 7 | 6 | 4 | 3 | 4 | 0 | 2 |
| 3 | 3 | 3 | 0 | 3 | 2 | 5 | 7 | 0 | 7 | 9 | 5 | 6 | 1 | 3 | 0 | 2 | 3 | 8 |
| 6 | 3 | 7 | 3 | 8 | 6 | 3 | 9 | 7 | 5 | 6 | 4 | 5 | 3 | 4 | 4 | 3 | 0 | 3 |
| 3 | 3 | 2 | 9 | 7 | 4 | 5 | 1 | 8 | 0 | 0 | 2 | 3 | 0 | 7 | 2 | 5 | 1 | 5 |
| 1 | 8 | 1 | 8 | 5 | 0 | 4 | 2 | 3 | 2 | 3 | 4 | 2 | 8 | 0 | 5 | 2 | 6 | 2 |
| 8 | 7 | 9 | 8 | 9 | 9 | 8 | 4 | 5 | 1 | 6 | 6 | 5 | 3 | 8 | 4 | 6 | 1 | 6 |
| 7 | 1 | 7 | 8 | 2 | 7 | 6 | 0 | 3 | 9 | 8 | 4 | 3 | 7 | 0 | 6 | 4 | 6 | 2 |
| 9 | 7 | 3 | 0 | 5 | 6 | 9 | 7 | 0 | 7 | 5 | 2 | 1 | 8 | 7 | 9 | 1 | 2 | 4 |

If 5 were to join to any of the numbers above or below, we'd have a shape at least four numbers tall. So that rules out 0, 2, 4, 6, and 9. We can see the 5 can't join to the 9 anyway because the 3 lies between the 5 and 9, in one of the parts of the sequence we've already worked out.

We've also already ruled out 5 joining to the 8, and if it joined to the 7 we'd have a shape four numbers wide, as shown. That just leaves 1, and the 3 we've already worked out.

So 5 joins to 1 and 3. So we now know the following sections of the sequence:

1-5-3-9 and 4-8-6

Step 4: Sort out the 6s

There are several 6s down in the bottom right that we can use, together with the vertical 4-8-6 at the bottom middle left.



This rules out 6 joining to 1 or 2 (bottom right) or 7 or 9 (left middle). The 3 and 5 are ruled out because their connections are already decided, and the 4 also, because we already know it's the other side of the 8 from the 6.

The only possibility left is 0, which must therefore join to the 6.

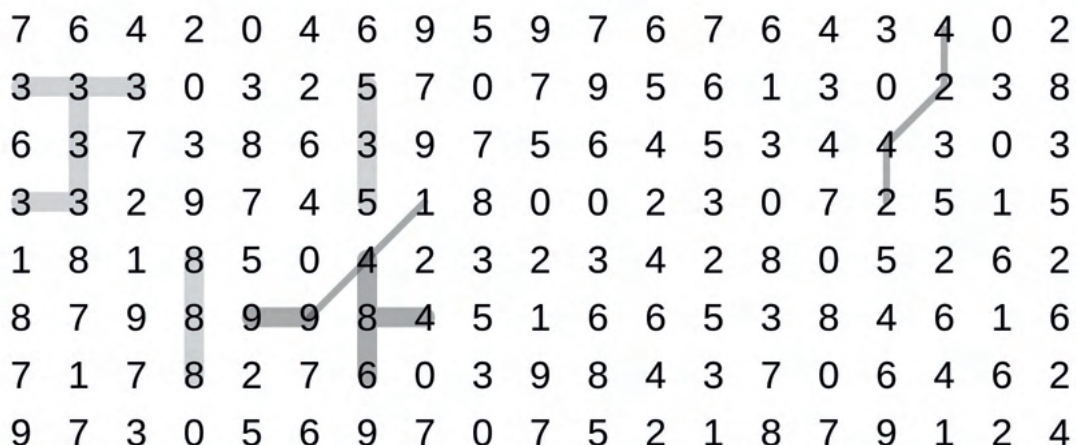
So we now have 1-5-3-9 and 4-8-6-0 as sections of the sequence.

Step 5: Work out what 4 joins to

We can already see from the sections of the sequence that we've worked out already that 4 cannot join to 0, 3, 5, or 6. So, as well as the 8 we've already decided, it must join to one of 1, 2, 7, or 9.

Joining a pair of 9s and the 4 to the 8 as shown in the next picture, we can see we can rule out the 1 and 9 because they result in a shape either four numbers tall or wide. There's a four-number tall 4-2-4-2 near the top right that eliminates the 2.

So the 4 must join to the only number left, 7.



Step 6: Place the last number, 2

Two must join to two of 0, 1, 7, and 9. But we can eliminate the 0 and 1 in the usual way: either would result in a shape too wide or tall on the right, as shown below.

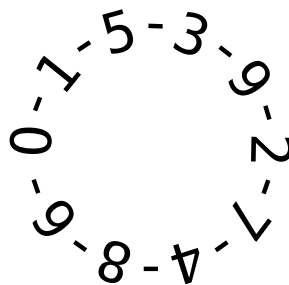
So we have 7-2-9.

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 6 | 4 | 2 | 0 | 4 | 6 | 9 | 5 | 9 | 7 | 6 | 7 | 6 | 4 | 3 | 4 | 0 | 2 |
| 3 | 3 | 3 | 0 | 3 | 2 | 5 | 7 | 0 | 7 | 9 | 5 | 6 | 1 | 3 | 0 | 2 | 3 | 8 |
| 6 | 3 | 7 | 3 | 8 | 6 | 3 | 9 | 7 | 5 | 6 | 4 | 5 | 3 | 4 | 4 | 3 | 0 | 3 |
| 3 | 3 | 2 | 9 | 7 | 4 | 5 | 1 | 8 | 0 | 0 | 2 | 3 | 0 | 7 | 2 | 5 | 1 | 5 |
| 1 | 8 | 1 | 8 | 5 | 0 | 4 | 2 | 3 | 2 | 3 | 4 | 2 | 8 | 0 | 5 | 2 | 6 | 2 |
| 8 | 7 | 9 | 8 | 9 | 9 | 8 | 4 | 5 | 1 | 6 | 6 | 5 | 3 | 8 | 4 | 6 | 1 | 6 |
| 7 | 1 | 7 | 8 | 2 | 7 | 6 | 0 | 3 | 9 | 8 | 4 | 3 | 7 | 0 | 6 | 4 | 6 | 2 |
| 9 | 7 | 3 | 0 | 5 | 6 | 9 | 7 | 0 | 7 | 5 | 2 | 1 | 8 | 7 | 9 | 1 | 2 | 4 |

Step 7: Join it all up

There's only one way we can fit what we've worked out into the sequence - remember it doesn't matter which way round it goes. All that matters is which numbers connect to which.

Let's do that, and fill in the rest of the puzzle.

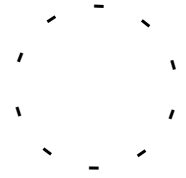


| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 6 | 4 | 2 | 0 | 4 | 6 | 9 | 5 | 9 | 7 | 6 | 7 | 6 | 4 | 3 | 4 | 0 | 2 |
| 3 | 3 | 3 | 0 | 3 | 2 | 5 | 7 | 0 | 7 | 9 | 5 | 6 | 1 | 3 | 0 | 2 | 3 | 8 |
| 6 | 3 | 7 | 3 | 8 | 6 | 3 | 9 | 7 | 5 | 6 | 4 | 5 | 3 | 4 | 4 | 3 | 0 | 3 |
| 3 | 3 | 2 | 9 | 7 | 4 | 5 | 1 | 8 | 0 | 0 | 2 | 3 | 0 | 7 | 2 | 5 | 1 | 5 |
| 1 | 8 | 1 | 8 | 5 | 0 | 4 | 2 | 3 | 2 | 3 | 4 | 2 | 8 | 0 | 5 | 2 | 6 | 2 |
| 8 | 7 | 9 | 8 | 9 | 9 | 8 | 4 | 5 | 1 | 6 | 6 | 5 | 3 | 8 | 4 | 6 | 1 | 6 |
| 7 | 1 | 7 | 8 | 2 | 7 | 6 | 0 | 3 | 9 | 8 | 4 | 3 | 7 | 0 | 6 | 4 | 6 | 2 |
| 9 | 7 | 3 | 0 | 5 | 6 | 9 | 7 | 0 | 7 | 5 | 2 | 1 | 8 | 7 | 9 | 1 | 2 | 4 |

Angelic Cardiffian?

This first puzzle has a simple logic rule: Each number on the puzzle is either at the end of two line segments (has two lines joining it) or none at all.

The online solution includes a video showing this being solved.



4 4 8 4 6 8 0 3 5 8 0 9 7 6 4 0 4 9 8 0 8 0 6
 4 5 5 9 2 4 8 4 0 5 7 8 0 1 3 7 8 5 3 7 5 9 0
 8 5 8 1 2 5 7 9 7 8 8 5 2 4 9 5 6 9 1 6 8 5 8
 6 7 5 7 6 9 3 9 3 6 3 9 6 9 0 3 2 4 0 8 4 7 2
 2 0 1 3 8 4 7 5 6 1 7 5 8 4 3 9 6 8 1 0 1 3 8
 7 4 5 2 3 2 1 4 1 4 6 0 5 3 6 3 9 1 9 7 6 8 0
 1 6 1 4 4 8 4 2 6 5 3 5 3 6 3 0 6 7 2 0 2 4 9
 6 1 5 4 5 5 9 0 8 6 8 2 6 9 4 3 0 9 0 8 4 7 5
 5 4 1 8 5 0 8 2 9 5 4 0 8 5 8 0 9 8 2 6 9 5 8
 1 6 7 6 7 5 7 2 4 7 4 2 4 9 6 3 8 1 7 9 1 3 0
 7 1 9 2 0 1 3 6 8 5 9 6 2 0 2 9 2 9 6 2 0 7 3
 9 2 7 8 9 6 4 3 5 3 0 7 3 8 9 2 8 3 8 5 7 0 1
 7 9 8 1 3 7 5 6 2 6 8 5 1 3 1 8 2 5 4 9 3 1 8
 6 0 7 0 8 4 9 2 4 9 4 5 2 6 0 7 1 4 2 6 6 2 7
 0 9 8 1 6 1 7 0 8 6 2 7 0 8 0 8 2 7 6 9 4 0 9
 7 0 7 0 2 9 8 2 0 1 0 3 1 6 2 7 1 9 8 0 4 1 8
 9 7 6 4 7 2 7 9 8 9 6 4 5 4 1 4 2 1 6 2 1 3 2

For solution visit www.begriddled.com/solutions and enter WMCDS

Four Gemstones

Find four Gemstones.

There's a regular pattern to how the letters are arranged.

Logic Rule: No shape (set of joined line segments) is more than three numbers wide or tall.



| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 5 | 3 | 1 | 2 | 9 | 0 | 9 | 0 | 5 | 5 | 4 |
| 0 | 4 | 7 | 3 | 5 | 3 | 6 | 3 | 0 | 5 | 6 | 9 |
| 3 | 5 | 0 | 2 | 7 | 5 | 9 | 9 | 1 | 4 | 5 | 4 |
| 6 | 6 | 2 | 7 | 1 | 0 | 6 | 5 | 3 | 6 | 7 | 8 |
| 9 | 5 | 3 | 0 | 4 | 8 | 4 | 3 | 0 | 4 | 6 | 0 |
| 7 | 6 | 2 | 4 | 8 | 7 | 1 | 5 | 3 | 0 | 7 | 8 |
| 4 | 9 | 4 | 2 | 3 | 5 | 7 | 1 | 7 | 9 | 3 | 9 |
| 3 | 6 | 9 | 6 | 5 | 3 | 1 | 8 | 5 | 0 | 4 | 0 |
| 8 | 0 | 1 | 2 | 3 | 7 | 4 | 7 | 2 | 5 | 2 | 5 |
| 4 | 5 | 2 | 4 | 7 | 1 | 2 | 0 | 7 | 1 | 0 | 8 |
| 9 | 3 | 7 | 0 | 0 | 4 | 6 | 3 | 6 | 0 | 3 | 7 |
| 4 | 5 | 4 | 2 | 4 | 8 | 6 | 1 | 2 | 0 | 0 | 8 |

For solution visit www.begriddled.com/solutions and enter FYFRY

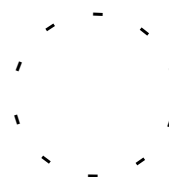
By Jove!

Complete this puzzle to reveal a number of letters, then rearrange them to form the names of two well known mythological beings: An ancient Greek god and a Roman one. Or perhaps they are really two names for the same one.

To make the task a little more challenging, the letters can be any way up. So although it's obvious what most are, some are ambiguous. The following pairs (and one trio) of letters look identical:

- C and U;
- E, M, and W;
- H and I;
- N and Z.

Logic Rule: No shape (set of joined line segments) is more than three numbers wide or tall.



| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 0 | 3 | 4 | 5 | 6 | 3 | 8 | 6 | 5 | 2 | 6 | 3 |
| 4 | 9 | 2 | 3 | 1 | 3 | 2 | 3 | 1 | 2 | 5 | 8 | 5 |
| 6 | 3 | 9 | 7 | 8 | 4 | 6 | 0 | 4 | 9 | 8 | 2 | 0 |
| 4 | 5 | 4 | 3 | 1 | 3 | 4 | 2 | 1 | 2 | 7 | 4 | 5 |
| 1 | 0 | 5 | 8 | 4 | 0 | 6 | 4 | 7 | 6 | 0 | 6 | 7 |
| 8 | 6 | 9 | 5 | 2 | 7 | 8 | 5 | 1 | 4 | 9 | 4 | 5 |
| 3 | 8 | 1 | 3 | 7 | 4 | 5 | 4 | 5 | 8 | 5 | 1 | 4 |
| 9 | 6 | 2 | 9 | 4 | 1 | 5 | 2 | 0 | 6 | 0 | 4 | 5 |
| 1 | 7 | 6 | 0 | 6 | 2 | 3 | 2 | 6 | 8 | 4 | 1 | 7 |
| 7 | 9 | 1 | 9 | 8 | 9 | 6 | 1 | 8 | 1 | 8 | 4 | 1 |
| 5 | 6 | 8 | 6 | 3 | 6 | 5 | 9 | 0 | 4 | 1 | 0 | 7 |

For solution visit www.begriddled.com/solutions and enter WBMXM

What Goes Round

The completed puzzle contains a single shape - if the lines were roads you'd be able to drive to anywhere on a road in the puzzle to anywhere else on a road, without ever driving off the road.

The solution at pzl.one/bqhpz includes a video demonstrating this puzzle being solved.

Logic Rule: There is exactly one diagonal segment in the whole puzzle.



| | | | | | | |
|---|---|---|---|---|---|---|
| 3 | 1 | 4 | 1 | 5 | 9 | 2 |
| 4 | 9 | 1 | 7 | 0 | 2 | 6 |
| 8 | 3 | 1 | 2 | 7 | 2 | 5 |
| 3 | 6 | 5 | 0 | 1 | 8 | 3 |
| 2 | 3 | 9 | 7 | 9 | 8 | 5 |

For solution visit www.begriddled.com/solutions and enter BQHPZ

Begriddled! Battleships

Begriddled! Battleships is a begriddled logic puzzle inspired by the pencil and paper game I played as a child back in the 1960s. We called it Battleships, with an s, and had submarines consisting of a single square.

I'm doing the same.

I experimented with more friendly names, along with fitting names for the shapes it uses. But in the end none of these seemed right, and I went back to the old familiar ones, with the addition of a cross for an oil rig.

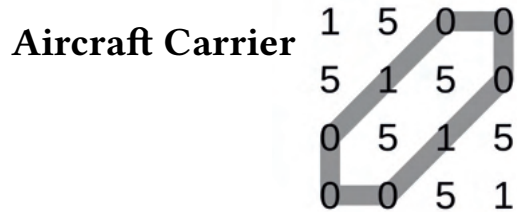
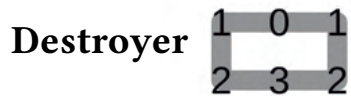
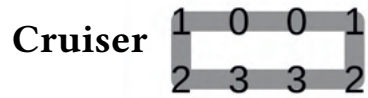
In this version we're not out to sink anything. Your task is to map out the ships and any oil rigs in the area using a coded transmission from a reconnaissance drone flying high above.

All you need to do is join the numbers in the usual way using the code sequence at the end of the transmission.

Unfortunately, a bug in the drone's firmware causes the transmission to be truncated before the sequence is sent.

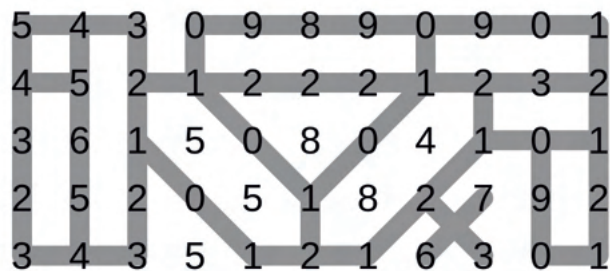
You'll just have to work it out for yourself. But at least you get told all the shapes you might find encoded.

Begriddled! Battleships Shapes



The search area can vary from puzzle to puzzle. So can the number of ships and oil rigs. And they can also touch.

Here are all the Begriddled! Battleships shapes in every possible orientation, moored up together.

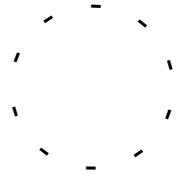


Battleships 1

Find:

- One battleship
- Two cruisers
- Three destroyers
- Four submarines
- Two oil rigs

There are no aircraft carriers.



| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 2 | 1 | 9 | 0 | 4 | 7 | 6 | 0 | 2 | 0 |
| 2 | 4 | 2 | 0 | 9 | 7 | 4 | 9 | 8 | 1 | 8 |
| 3 | 6 | 0 | 2 | 1 | 0 | 1 | 2 | 4 | 2 | 5 |
| 9 | 1 | 9 | 5 | 5 | 9 | 3 | 4 | 8 | 3 | 6 |
| 3 | 8 | 3 | 6 | 6 | 1 | 6 | 8 | 2 | 6 | 1 |
| 6 | 1 | 5 | 8 | 9 | 4 | 9 | 6 | 9 | 4 | 0 |
| 0 | 5 | 7 | 5 | 1 | 2 | 8 | 0 | 2 | 0 | 6 |
| 3 | 7 | 8 | 1 | 5 | 9 | 1 | 6 | 1 | 8 | 7 |
| 7 | 3 | 0 | 6 | 4 | 5 | 2 | 4 | 9 | 5 | 3 |
| 1 | 5 | 8 | 1 | 0 | 3 | 5 | 0 | 3 | 4 | 2 |
| 3 | 2 | 3 | 5 | 3 | 7 | 0 | 1 | 9 | 5 | 1 |

For solution visit www.begriddled.com/solutions and enter KTHPF

Battleships 2

Now you've practiced your Battleships code breaking skills, the hand holding is over.

Work out the sequence and find all the ships and rigs in this puzzle.

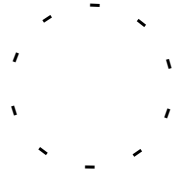
How many of each are there? That's for you to find out.

Is there clear blue water between them all or do any touch? That too, is for you to find out.

Do any overlap? No, that would be ridiculous.

Are any missing altogether? Sorry, not saying.

The online solution includes a video of this puzzle being solved.



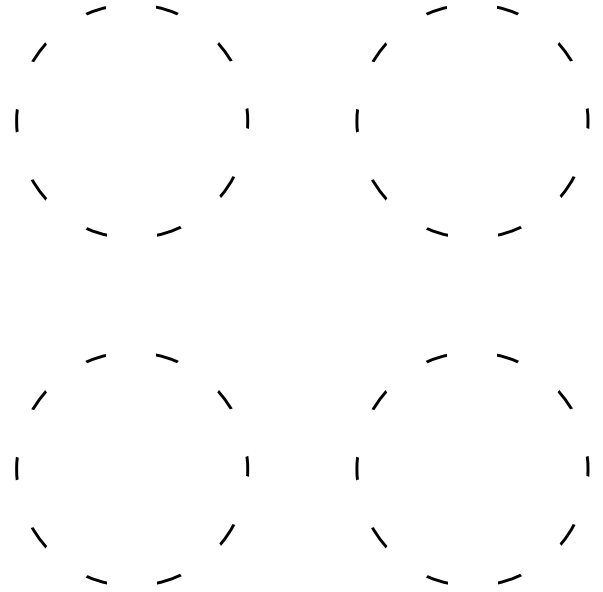
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 5 | 2 | 1 | 4 | 0 | 8 | 7 | 3 |
| 3 | 1 | 7 | 1 | 5 | 6 | 3 | 7 |
| 0 | 8 | 6 | 2 | 4 | 9 | 7 | 3 |
| 3 | 1 | 0 | 3 | 1 | 8 | 5 | 6 |
| 9 | 2 | 4 | 5 | 2 | 6 | 3 | 1 |
| 5 | 6 | 9 | 0 | 4 | 7 | 0 | 3 |
| 1 | 2 | 7 | 8 | 7 | 2 | 7 | 6 |
| 0 | 4 | 9 | 3 | 8 | 3 | 4 | 2 |

For solution visit www.begriddled.com/solutions and enter HNFND

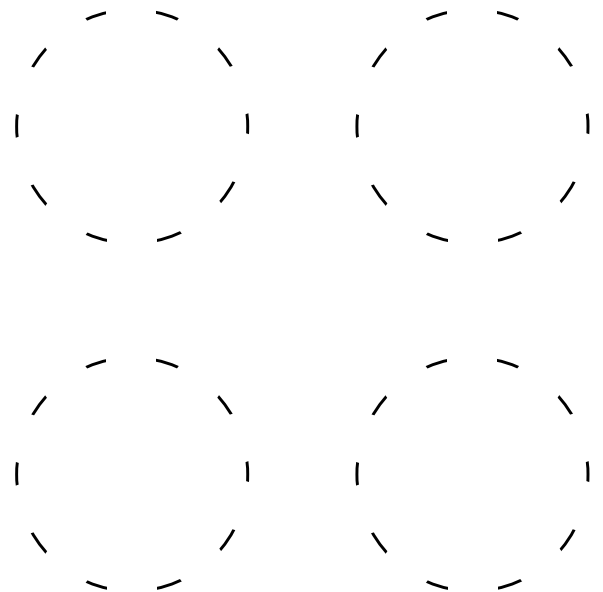
Logic Puzzle Worksheets

You can use these work sheets however you like to help solve the logic puzzles.

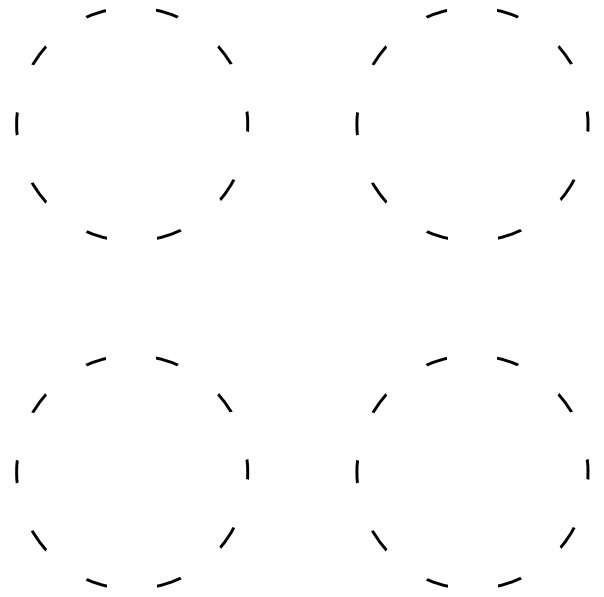
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |



| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |



| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | ■ | | | | | | | | | |
| 1 | | ■ | | | | | | | | |
| 2 | | | ■ | | | | | | | |
| 3 | | | | ■ | | | | | | |
| 4 | | | | | ■ | | | | | |
| 5 | | | | | | ■ | | | | |
| 6 | | | | | | | ■ | | | |
| 7 | | | | | | | | ■ | | |
| 8 | | | | | | | | | ■ | |
| 9 | | | | | | | | | | ■ |



| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | ■ | | | | | | | | | |
| 1 | | ■ | | | | | | | | |
| 2 | | | ■ | | | | | | | |
| 3 | | | | ■ | | | | | | |
| 4 | | | | | ■ | | | | | |
| 5 | | | | | | ■ | | | | |
| 6 | | | | | | | ■ | | | |
| 7 | | | | | | | | ■ | | |
| 8 | | | | | | | | | ■ | |
| 9 | | | | | | | | | | ■ |

