

# Eindeutigkeit

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A set of metapuzzles, where the main challenge is to determine the meaning of the symbols involved. Inspired by "WITLESS - A Puzzling Journey" <https://puzzling.stackexchange.com/questions/47870/witless-a-puzzling-journey>. Thanks to Silke for beta-testing. Released under CC-BY-SA 4.0 by mbays@sdf.org, 2024.

## Rules

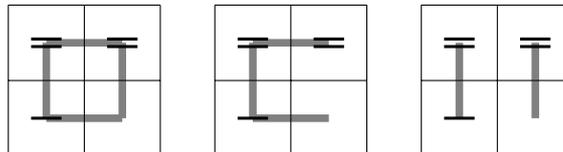
- Each puzzle consists of a grid of cells.
- Each puzzle has a unique solution.
- The solution to a puzzle consists of drawing horizontal and vertical lines between the centres of some pairs of neighbouring cells such that certain Laws are satisfied.
- The First Law is that each cell must be connected to at least one neighbour by a line.
- There are further Laws, which you will not be told explicitly. To find the solutions, you will have to work out the Laws. The symbols in the grids may be involved in these Laws.
- All Laws apply consistently to all puzzles.
- The puzzles are arranged in levels, intended to be solved in order.
- When two puzzles of the same shape appear in the same level, their unique solutions are different, i.e. the connecting lines are not in the same positions.

## Example

Potential solutions to the puzzle

=	=
—	

include



In total there are 7 potential solutions satisfying the First Law. Exactly one of these 7 satisfies all the Laws; this one is the actual solution. Your goal is to work out which one it is, and why – but look at all the puzzles in Level 1 before trying to do this.

# Level 1

-
-

-	=
-	=

=	-
=	-

=	=
-	

-	
=	

-	=
-	=

-	≡	-
-	≡	-

## Level 2

—
—
—
—

	=
—	—
—	—
=	

—	—
=	=
—	—

=	—	—	
=	—	—	

—	=	=
—	—	—
		—
—	=	=

	—	
	—	≡
	—	≡
	—	

### Level 3

=	=

=	=

	≡	
	≡	

-	-	-
	=	
=		=

=	≡	=
		=
=		

	≡	
	≡	
	≡	

=	=	=	-	=
=	=	-	=	=
=	=		=	=
=		=	=	=

# Level 4

○	

-	-
	○

=	=
=	○

	○	
	-	
	≡	

	=		○
○		=	

○	=		
-	-		≡
=		-	-
		=	○

# Level 5

○	
	○

○		
—	≡	
○		

○		=
○		=
○		=

○		○
○		○

○				○
	—	≡	—	
	—	≡	—	
○				○

	≡	≡	○	○
	—	—	○	○
=	=		—	≡
		=	—	≡
		=		

# Level 6

X
X

	X
O	
	O
X	

X		
X		
X		

	=	
X		X

			X
		X	
	O		
O	-	-	-

O				
O	X		X	
	X		X	O
				O

# Level 7

		-
	=	
-		○

		-		=		
○		-				

○			-	=	=	-
○			-			-

		○	
○			
×	-	=	=
×			=

○			×	
○			×	
○				

=				○
=			○	
		○		
×	○		-	
○	×		=	×

# Level 8

*	
-	

	*

=	*	=

×	*	×

×		-
		=
		*
≡	≡	=
		×

=	=	*		×
=	=			=
	=	○		
×	=		=	=

# Level 9

*	
	=

*		≡	
		*	

=		
*	*	*

*	≡		≡	*
*		*		*
*		*		*
*	≡		≡	*

=	=		*	*	*
			=	=	*
			=		
=	-	-	-	-	=
		=			
=	=	*			*