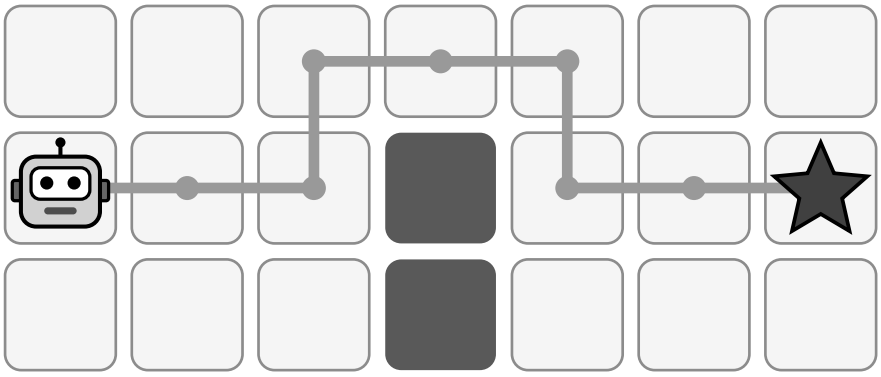
BRAIN TEASER WORKBOOK • AGES 6-7

My First Logic Puzzles

80 Easy Brain Teasers for Kids Ages 6-7: Shape Sudoku, Robot Coding, Odd One Out, Patterns and More, with Answers







Harper Lane

Sample pages

My First Logic Puzzles

80 Easy Brain Teasers for Kids Ages 6-7: Shape Sudoku, Robot Coding, Odd One Out, Patterns and More, with Answers

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All 80 puzzles in this book are original. Every puzzle was checked by computer twice: it has exactly one answer, and it can be solved by thinking it through, without guessing.

First edition, 2026



This book belongs to

_____

Logic Champion in training



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Sample pages

A Note for Grown-Ups

This book has **80 logic puzzles** for children 6-7, in 9 different kinds. Logic puzzles build the thinking skills school asks for: reading carefully, spotting patterns, planning ahead and checking your own work. No math beyond counting is needed.

How the book works

The puzzles come in **two levels**: **Warm-Up** (1 star) and **Brain Builder** (2 stars). Inside each level the puzzle kinds take turns, so there is always something new on the next page. Every page tells the child what to do in one or two short sentences, and the **Meet the Puzzles** pages show a worked example of each kind.

Every puzzle has one answer

Each puzzle was made and checked by computer: it has **exactly one answer**, and it can be solved by thinking it through, never by guessing. The level of each puzzle was measured by solving it step by step, the way a child would, so the puzzles really do get harder bit by bit.

Tips for helping

- Read the instructions together the first time a new kind of puzzle shows up.
- Use a pencil with an eraser. Mistakes are part of the fun.
- Stuck? Ask "What do you know for sure?" and start from there. Then take a break and come back.
- Praise the thinking, not the speed. There is no timer.
- The answers start on page 95. The star chart on page 11 and the certificate at the end make every finished puzzle count.

Sample pages

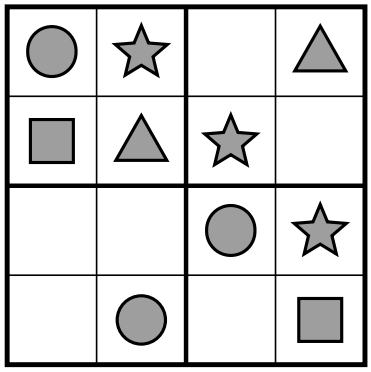
Meet the Puzzles

Shape Sudoku

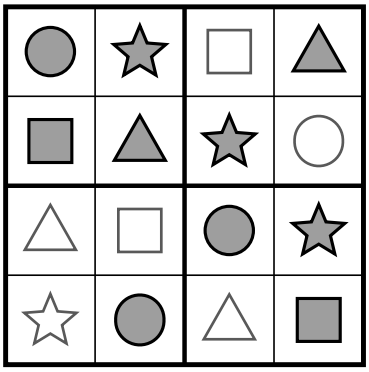
- ★ Every row has each shape once.
- ★ Every column has each shape once.
- ★ Every box (the thick lines) has each shape once.

Tip: Look for a row or box with only one empty square. Which shape is missing?

Puzzle



Answer



Odd One Out

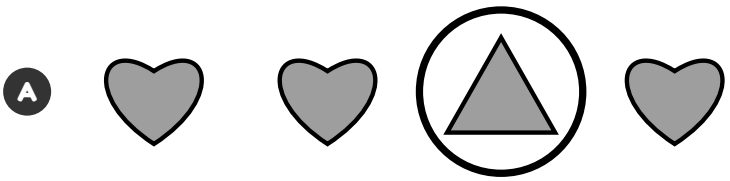
- ★ All pictures but one share something.
- ★ Circle the one that is different.

Tip: Look at one thing at a time: the shape, the color, the size, how many, which way it points.

Example:



Answer:



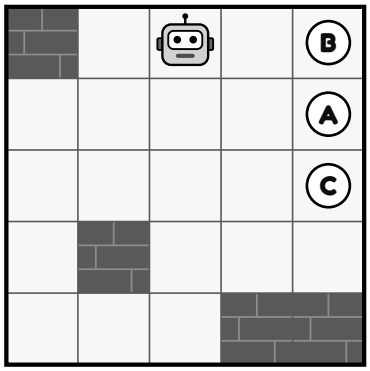
Sample pages

Robot Code: Follow It

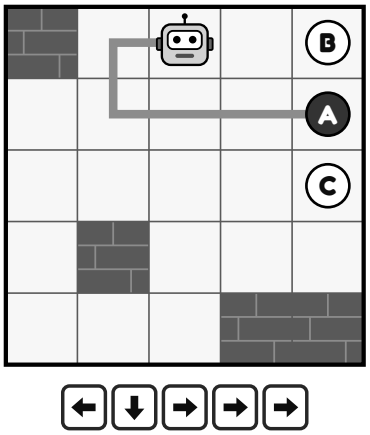
- ★ Each arrow moves the robot one square.
- ★ The robot cannot go through walls or off the grid.
- ★ Some puzzles give you the code, some ask you to write it.

Tip: Put your finger on the robot and move it one square for each arrow.

Puzzle



Answer



Logic Grid

- ★ Each child has exactly one, and each one belongs to one child.
- ★ Put a check for yes and an X for no.
- ★ When only one square is left in a row, it gets the check.

Tip: A check in a square means X in the rest of its row and its column.

Example clues:
Mia has the cat.
Ella does not have the bird.

	cat	bird	turtle
Kai	✗	✓	✗
Mia	✓	✗	✗
Ella	✗	✗	✓

Sample pages

What Comes Next?

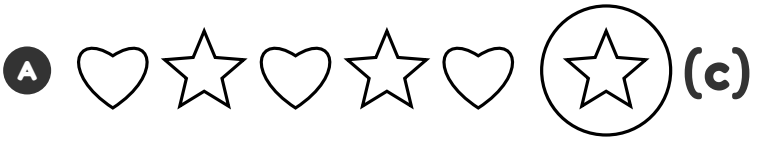
- ★ The pictures follow a pattern.
- ★ Work out what comes next.
- ★ Circle the right answer.

Tip: Say the pattern out loud: "circle, square, circle, square..."

Example:



Answer:



Number Sudoku

- ★ Every row has each number once.
- ★ Every column has each number once.
- ★ Every box (the thick lines) has each number once.

Tip: Count what is already in a row, a column and a box. The missing number is the one you need.

Puzzle

3		1	
4	1	3	
		2	
2			1

Answer

3	2	1	4
4	1	3	2
1	4	2	3
2	3	4	1

Sample pages

Number Path

- ★ Write every number once.
- ★ Each number touches the next one: up, down, left or right.
- ★ No slanted steps.

Tip: Find a number whose next number is missing. Which empty squares touch it?

Puzzle

		9	
	4	13	16
2	1	14	

Answer

7	8	9	10
6	5	12	11
3	4	13	16
2	1	14	15

Bigger or Smaller

- ★ Each row and column has every number once.
- ★ The open side of a sign faces the bigger number.

Tip: A square with the small end of a sign pointing at it can never hold the biggest number.

Puzzle

1	4		<
4			2
		3	
3	2	4	

Answer

1	4	2	< 3
4	3	1	2
2	1	3	4
3	2	4	1

Sample pages

Skyscrapers

- ★ Each row and column has one tower of each height.
- ★ The clue counts the towers you can see from that side.
- ★ A tall tower hides every shorter tower behind it.

Tip: A clue of 1 means the tallest tower stands right next to it.

Puzzle

	3		2	2	
2					3
2			2		1
1	4				2
3	2	3	4		
	2	2			

Answer

	3		2	2	
2	1	4	3	2	3
2	3	1	2	4	1
1	4	2	1	3	2
3	2	3	4	1	
	2	2			

★ Super Solver Tips

1. Read the instructions first. Every page tells you what to do.
2. Start with what you know for sure, then build on it.
3. Use a pencil and an eraser. Everyone makes mistakes!
4. Stuck? Take a break, then look again with fresh eyes.
5. Every puzzle has exactly one answer, and you never need to guess.

Sample pages

My Star Chart

Color a star each time you finish a puzzle. How many can you collect?

★☆☆ Level 1: Warm-Up



★★☆ Level 2: Brain Builder



Sample pages

LEVEL

1

Warm-Up

★ ☆ ☆

Puzzles 1 to 40

Big hints and short clues. A gentle start.

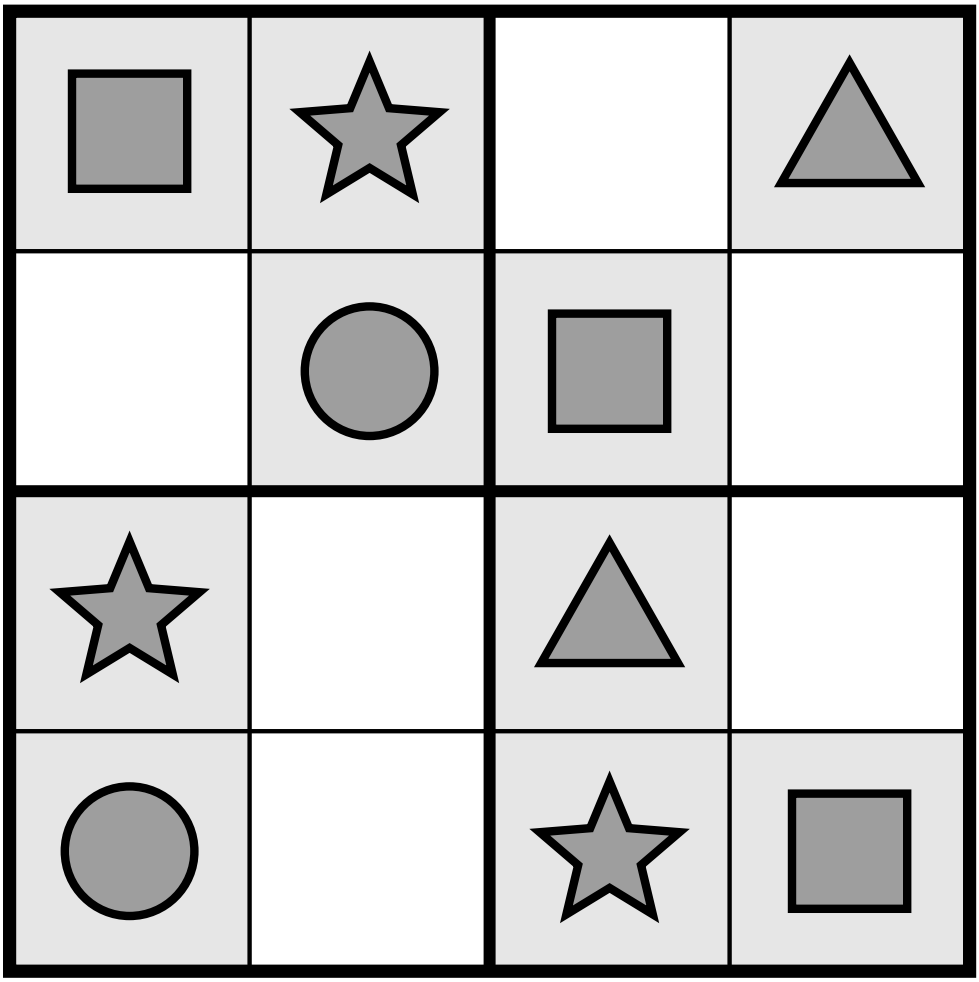


Sample pages

Shape Sudoku

★☆☆ **No. 1**

Draw the missing shapes. Each **row**, each **column** and each **box** has every shape just once.



Shapes to use:



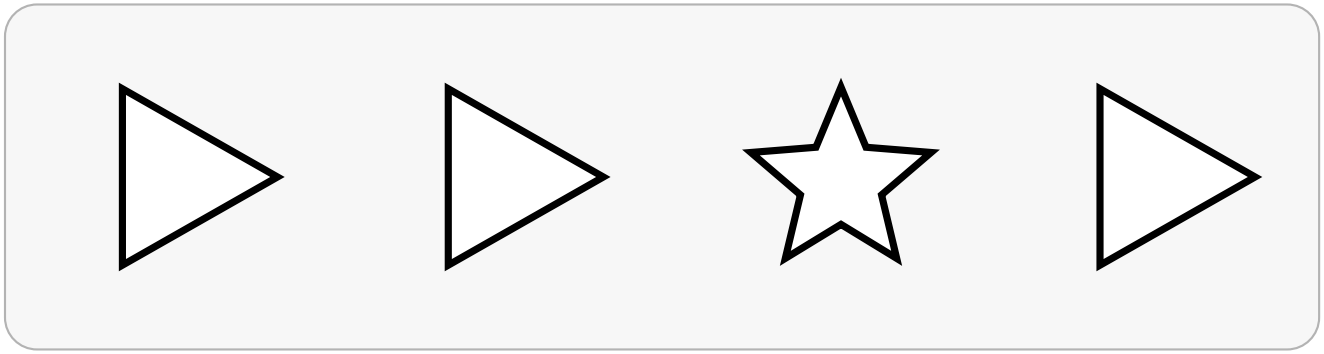
☆ Color the star when you finish!

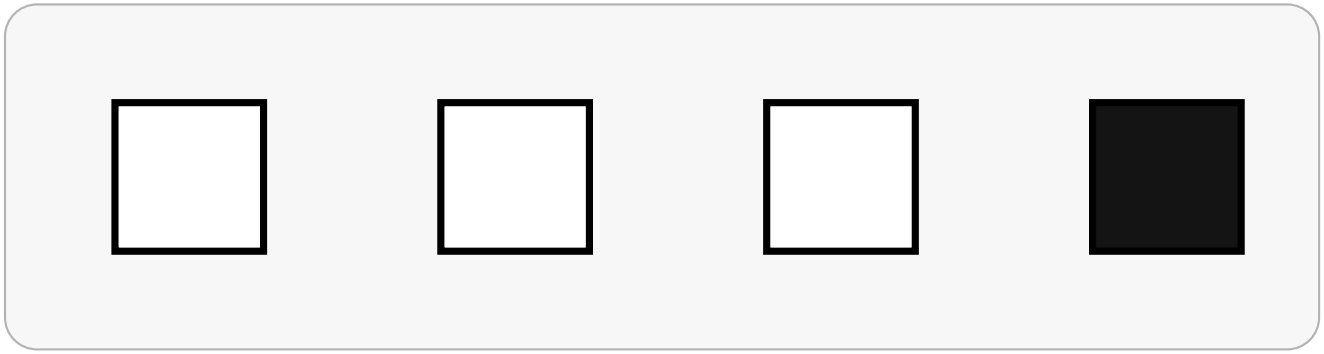
Sample pages

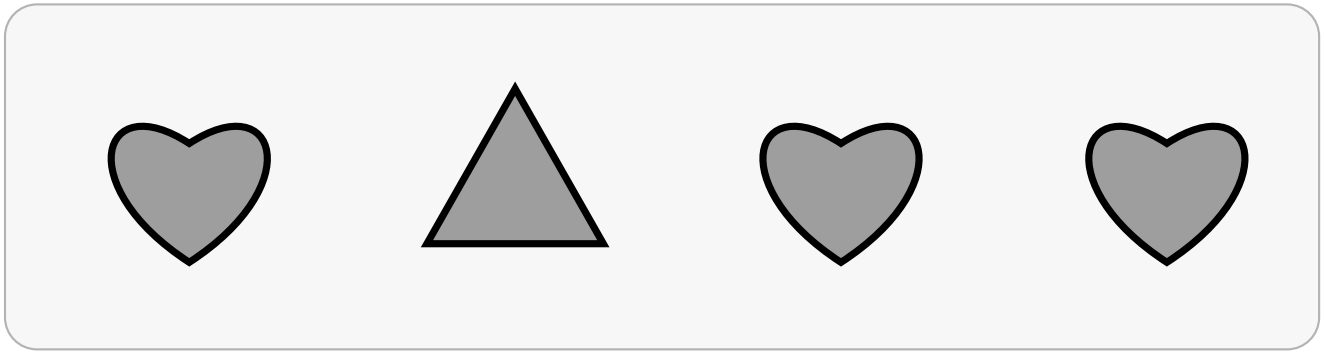
Odd One Out

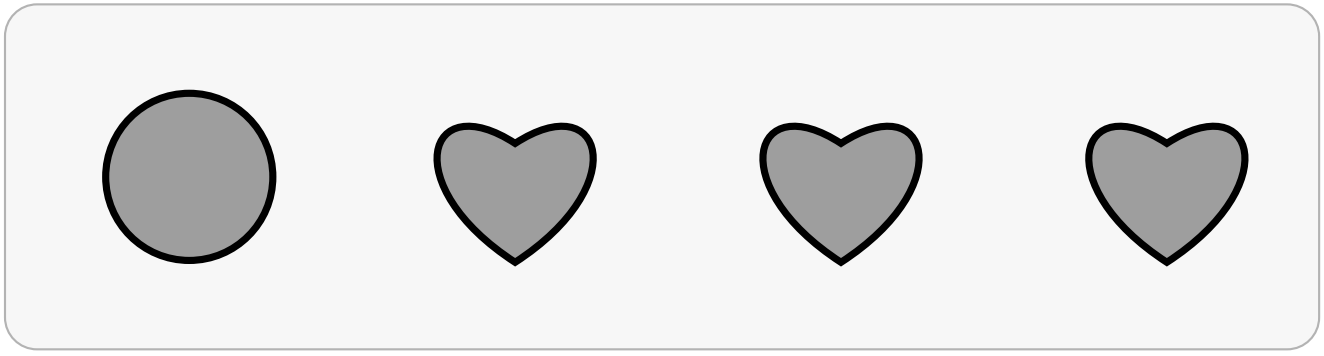
★☆☆ No. 2

In each row, one picture is **different** from all the others. Find it and circle it!

A 

B 

C 

D 

☆ Color the star when you finish!

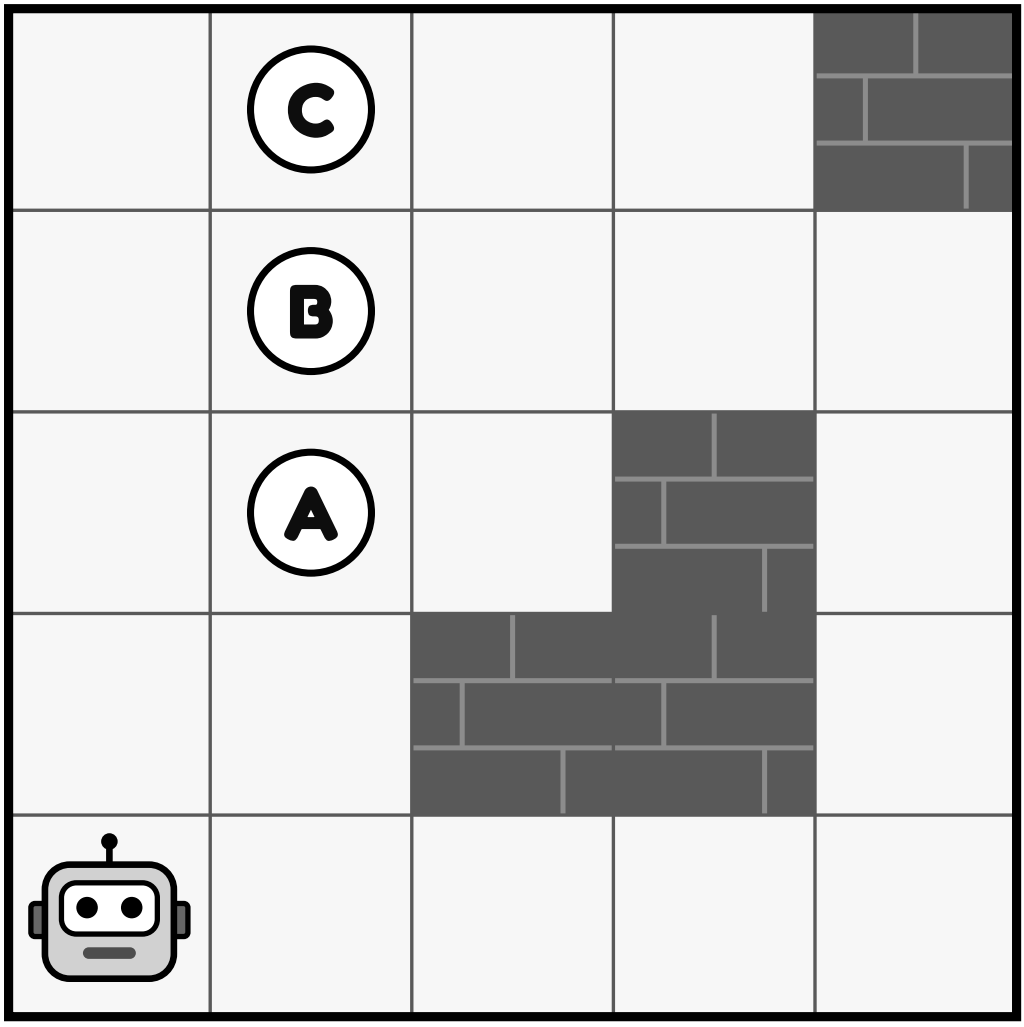
Sample pages

Robot Code: Follow It

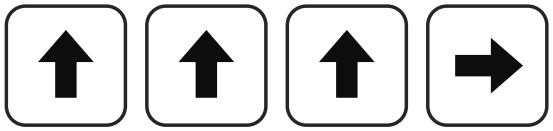
★☆☆ **No. 3**

Start at the robot. Each arrow moves it **one square**. Follow the code. On which **letter** does the robot stop?

up down left right start wall



The code:



The robot stops on letter: ☐

☆ Color the star when you finish!

Sample pages

Who Has Which Toy?

★☆☆ No. 4

Read the clues. Put a **check** in the grid when it is true and an **X** when it is not. Each child has **one toy**.

1. Mia plays with the drum.
2. Omar plays with the blocks.

	 rocket	 blocks	 drum
Amy			
Mia			
Omar			

Write the answers:

	Toy
Amy	_____
Mia	_____
Omar	_____

☆ Color the star when you finish!

Sample pages