GeniusKite

Thinking skills for kids in the age of AI

Kids' Thinking Puzzles and Activities in the Age of AI

Fun Puzzles That Build Thinking Skills



155 Logic, Math, Code & AI Fact-Check Puzzles

GeniusKite.com Team

FOR GROWN-UPS

A Note for Parents and Teachers



This book was written for students in **Grade 6** (about ages 11-12). Every puzzle is pitched at this one grade, and the difficulty climbs within each section from Warm-up to Challenge.

The puzzles practice careful reasoning: deduction, number sense, patterns, spatial thinking, language, and checking claims. The AI sections ask students to do what good thinkers do with any confident-sounding answer: test it step by step, look for the source, and explain what went wrong.

Nothing here requires a screen. A pencil, an eraser and some patience are enough.

Tips for using this book

- Let your student choose the section. Variety keeps things fresh.
- Encourage a quick estimate or guess before solving, then a check afterward.
- Use the answer key to discuss reasoning, not only to mark right or wrong.
- Short, regular sessions work well; ten or fifteen minutes is plenty.
- Celebrate effort on Challenge puzzles; getting stuck is part of the process.

Have fun thinking together!
The GeniusKite.com Team

Deduction Grids

Name: _____ **Warm-up** ★ ☆ ☆

Use the clues to find who goes with what. Mark ✕ for no and O for yes in the grid.

#2 Train Station

Travelers waited at the station. Each traveler has a different city and time.

1. The traveler visiting Nairobi did not arrive at 4:45.
2. Hiro is visiting Nairobi.
3. The traveler who arrived at 4:30 either is visiting Denver or is visiting Nairobi.
4. Kofi did not arrive at 4:00.
5. The traveler who arrived at 4:30 is not visiting Nairobi.
6. The traveler visiting Cairo arrived at 4:00.
7. Kofi did not arrive at 4:45.
8. Esme is not visiting Oslo.

		City				Time			
		Cairo	Denver	Nairobi	Oslo	4:00	4:15	4:30	4:45
Name	Esme								
	Hiro								
	Ines								
	Kofi								
Time	4:00								
	4:15								
	4:30								
	4:45								

Name	City	Time
Esme		
Hiro		
Ines		
Kofi		

Kite's tip: Each time you find a YES, X out the rest of its row and column in that block.