GeniusKite

Thinking skills for kids in the age of AI

Kids' Math Puzzles and Activities in the Age of AI

Fun Math Practice That Builds Thinking Skills

Ages 7-9
Grades 2-3









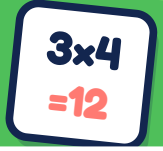


Pip

Kite









Place Value, Times Tables, Time, Money, Fractions & More

GeniusKite Team

FOR GROWN-UPS

A Note for Parents



Welcome to **GeniusKite Kids' Math Puzzles and Activities**. This book gives children in grades 2 and 3 (ages 7 to 9) friendly, colorful practice with the math they meet at this age: place value, adding and subtracting within 1,000, first steps in multiplying and dividing, telling time, counting money, measuring, graphs, shapes, fractions and word problems.

Each topic starts with a **Warm-up**, moves to **Level up**, and ends with a **Challenge**. Puzzle pages (magic squares, number riddles, codes and mini sudoku) mix in logical thinking, so practice feels like a game.

Children today are growing up with AI helpers that answer questions in a confident voice. On the **Catch the AI Mistake** pages, Bolt the robot shows its work, and some answers are wrong. Kids check each answer, find the mistakes and fix them. It is a simple habit worth building: *check the answer, even when it sounds sure.*

This book is for practice and fun, not a test. It is not tied to any one school program, and it does not replace your child's teacher.

Tips for using this book

- Short sessions work well: one or two pages at a time is plenty.
- Let your child use objects (coins, a clock, a ruler, buttons) to act out problems.
- Ask "How did you figure that out?" as often as "What did you get?"
- The answer key is near the back of the book. Check work together and celebrate fixes.
- Ruler pages are drawn to real size. For the digital edition, print at 100% (actual size).

Have fun together!
The GeniusKite Team

ADD & SUBTRACT · WARM-UP

Fact Fluency Sprint



Name: _____ Warm-up ★ ☆ ☆

Solve as many as you can. Then check your work.

Activity 15 Addition Facts

a. 3 + 5 = ☐ b. 7 + 7 = ☐ c. 8 + 9 = ☐ d. 3 + 4 = ☐

e. 7 + 7 = ☐ f. 7 + 6 = ☐ g. 9 + 7 = ☐ h. 7 + 9 = ☐

i. 8 + 9 = ☐ j. 9 + 6 = ☐ k. 9 + 9 = ☐ l. 7 + 6 = ☐

Activity 16 Subtraction Facts

a. 6 – 2 = ☐ b. 10 – 3 = ☐ c. 9 – 6 = ☐ d. 12 – 3 = ☐

e. 8 – 2 = ☐ f. 18 – 9 = ☐ g. 15 – 7 = ☐ h. 12 – 8 = ☐

Activity 17 Make 10, Make 20

a. 7 + ☐ = 10 b. 4 + ☐ = 10 c. ☐ + 9 = 10

d. 12 + ☐ = 20 e. 15 + ☐ = 20 f. ☐ + 11 = 20



Pip's tip: Stuck on 8 + 7? Think 8 + 2 = 10, then 5 more makes 15.