

Conquer Common Pitfalls and Ace the Math Exam

1. The Same “Common Pitfalls” Keep Showing Up

Our analysis reveals that students frequently lose marks in the same few areas — not due to lack of effort, but because of small, recurring misconceptions:

- **Area of Triangle:** Errors often arise from incorrect identification of the base and height, leading to miscalculation.
- **Circles:** Students confuse radius with diameter, resulting in wrong application of area or circumference formulas.
- **Percentage:** Misunderstanding the "of" operator, forgetting to multiply by 100 when converting fractions or decimals to percentages, or adding percentages directly when they represent successive changes, instead of applying them sequentially to the original value.

Exams often feature **integrated problem sums** that combine two or more concepts in one question. These are not necessarily harder in content, but they test reasoning, flexibility, and precision — areas where students are more likely to slip up under exam pressure.

2. “Tough- to- Tackle” Questions Drain Confidence

The real difficulty lies in subtle details provided in the questions. The errors made by students aren't due to weak understanding — but to questions that hide complexity behind simple wording. They're worded simply but require sharp thinking and close reading. Our 1,000 carefully structured new questions are crafted to train students to pause, think critically, and avoid careless mistakes — building both skills and confidence.

3. Exam Trends Don't Stand Still

The PSLE has shifted towards questions that require visual reasoning, real-world application, and non-routine problem-solving. Our content is refreshed regularly to keep pace with these shifts based on real data from schools and past exams.

Whether it's interpreting pie charts, using logical deduction, or spotting trick phrasing, our questions prepare students for what's coming, not what's outdated.

□ How to Access the New Questions

1. Log in to aiAcademy

Ask Coach Kyu for a **Math Booster**.

2. Let Coach Kyu customise your session

AI-powered drills focus on your child's weakest concepts and problem types.

3. **Practise with step-by-step solutions**

See how to solve each tricky question — not just the answer, but the *method*.

4. **Repeat. Refine. Master.**

The Booster adapts daily to build confidence, speed, and exam resilience.

□ Just **15 minutes a day** to avoid careless mistakes and master the questions that matter.