

Sayo Academy X Maths

出題、批改、解題，一站式解決

首創 AI 數學智能題庫 — 1500+ 精選題目

- 涵蓋 **HKDSE 範圍**，包括代數、幾何、統計等必考範疇
- **題型多樣**：選擇題、長題目、步驟題，甚至實用情境應用題
- **智能分類與搜尋**：按課題、難度、題型快速找到需要的題目

Problem Drill Session

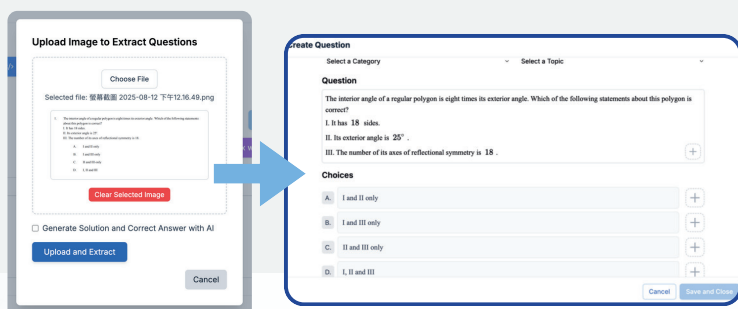
Showing Question 1 of 10 • Topic: Variations • Difficulty: 2

Question 1

Copy Tag Bookmark question

It is given that z varies directly with the square root of x and inversely with the cube of y . If x is increased by 125% and y is decreased by 0.1%, find the percentage change of z and correct your answer to 3 significant figures.

- A. Increased by 106%
- B. Increased by 12.1%
- C. Increased by 50.5%
- D. Increased by 53.4%



✓ **雙語支援：中、英文版本隨時切換**

持續更新：不斷加入新題，緊貼考試趨勢

✓ **拍照/手動輸入上傳任何題目，立刻變成電子題庫資源**

Generate Similar Question

Select parameters for generating a similar question:

Difficulty: **Same**

Easier

Harder

Variation: **Balanced**

Less Variation

More Variation



AI 出題生成器

一條題目，延伸十條變化題！

想要更多練習？

上傳一條題目，AI 即時生成多條難度不同、角度不同的類似題目

**讓學生反覆操練同一概念，確保真正掌握
自動控制難度遞進，從基礎到挑戰級別**

5 分鐘準備好一份功課或小測，備課效率提升數倍

聯絡培進營銷部





AI 改卷系統 — 批改快、準、狠

傳統數學批改要看每一行計算步驟，極費時。AI 改卷讓這一切**自動化**：

- 支援**手寫與拍照上傳**（OCR 辨識），AI 根據評分準則批改
- **逐步錯誤分析**：不只是對錯，清楚指出每一步的錯誤與原因

View Results

Total Marks Obtained:

3/4

(a):

Mark Allocation:

1

(Accuracy mark for correct factorization (1A).)

Feedback:

Your factorization of the trinomial is correct, demonstrating a strong understanding of algebraic identities.

(b):

Mark Allocation:

2

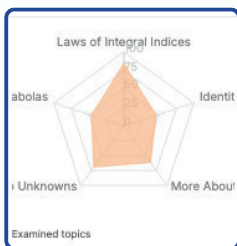
(Method mark for substituting the result from part (a) (1M). Method mark for applying the difference of squares formula (1M). No accuracy mark awarded due to a sign error.)

Feedback:

You correctly utilized the result from part (a) and applied the difference of squares formula. However, there was a sign error when expanding the second factor $-(4x - 7y)$, leading to an incorrect final answer. Be careful when distributing negative signs.



智能數據分析 — 教學策略的即時導航



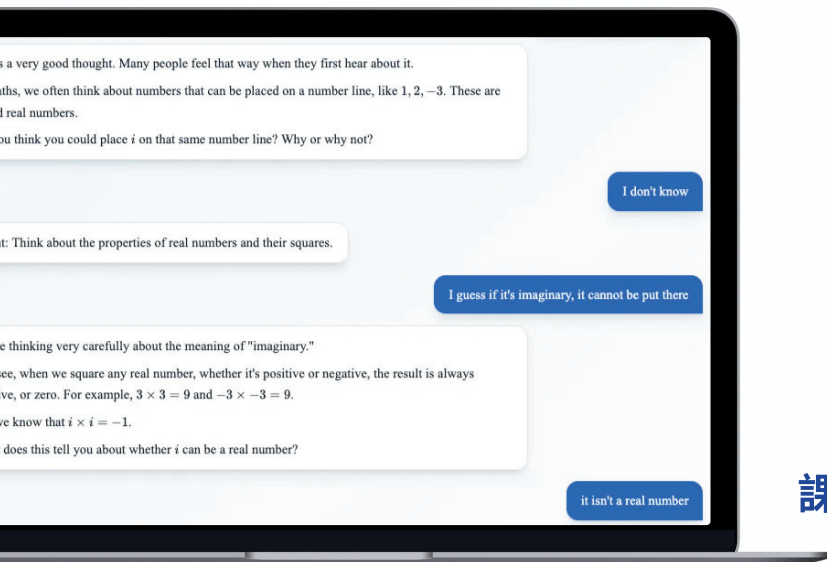
Question Feedback			
Question 1	Very Good	Avg Score: 94.0%	Avg Time: 18.5s
Question 2	Average	Avg Score: 85.0%	Avg Time: 71.2s
Question 3	Poor	Avg Score: 38.0%	Avg Time: 94.5s

- 即時掌握**班級**和**個人**學習狀況
- 按主題、題型、技能細分表現數據幫你鎖定真正的薄弱環節
- **自動生成報告**，方便向家長和學校匯報進度



AI 解題導師 — 學生的 24/7 數學私人教練

AI 做到的不是給答案，而是陪學生一起「拆題、思考、突破」：



- **逐步拆解解法**
每一步都有清楚的提示與原因
- **即時反饋與提示**
- **隨時隨地使用**
課堂、家中、假期都可練習

學生自主學習能力提升，
課堂時間可用來處理更高階的解題技巧

與全港逾100所中小學攜手 開創個人化學習新時代！