

### 數學推理 Mathematical Reasoning

此卷與一般學校的數學考試不同，旨在測試考生的數學能力，因此題目題材多元化，或別於一般學校課程內容範圍。

This paper attempts to measure mathematical ability, in contrast to a test of school achievement in mathematics. Consequently, the material used for the questions in this test is selected from a wide variety of sources, and may differ from standard school-based curriculum materials.

1. 有一些整數分別被 2、3、4 或 5 整除後，餘數都是 1。請找出符合以上定律的最小整數。

When a certain whole number is divided by 2, 3, 4, or 5, the remainder is 1 in each case. What is the smallest number to which this rule applies?

- A 21
- B 31
- C 51
- D 61

- 2.

輸入數 Input	-5	-1	2	4	9	13
輸出數 Output	-9	-1	5	?	19	27

若輸入數是 -10，輸出數是多少？

If input was -10, what was the output?

- A -4.5
- B -5.5
- C -19
- D -21

3. 史提芬正練習舉重以鍛練肌肉，他現在能舉起 60 公斤，他希望於兩個月後能舉起比現時多百分之二十的重量，試計算出他的目標舉起重量。

Steven is lifting weight to strengthen his muscles. At present he can lift 60kg. Steven is aiming to lift 20% more after two months practice. What weight is he aiming to lift?

- A 66kg
- B 70kg
- C 72kg
- D 80kg

4. 第一個圖展示了一個按一套特定準則已完全填妥的數字方格。

The first diagram shows a number square completed according to a certain rule.

2	2	4
7	5	35
14	10	140

以下是一個未完全填妥但按相同準則製作的數字方格。

The partly completed number square is constructed according to the same rule.

3	8	
-4		20
		*

「\*」代表

The \* represents

- A 480
- B 240
- C 220
- D 192

5. 右圖早上 6 時顯示的溫度，溫度會每三十分鐘上升 1°，按此速度，甚麼時間會到達 20°？

The temperature is shown at 6:00 a.m. It is rising 1° every thirty minutes. At this rate, it will reach 20° at

- A 7:15 a.m.
- B 7:30 a.m.
- C 7:45 a.m.
- D 8:00 a.m.



# Higher Ability Student Test Practice Examples

**Anthony S. Fauci**



**Higher Ability Student Test Practice Examples:**

This book delves into Higher Ability Student Test Practice Examples. Higher Ability Student Test Practice Examples is a vital topic that must be grasped by everyone, from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Higher Ability Student Test Practice Examples, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:
    - Chapter 1: Introduction to Higher Ability Student Test Practice Examples
    - Chapter 2: Essential Elements of Higher Ability Student Test Practice Examples
    - Chapter 3: Higher Ability Student Test Practice Examples in Everyday Life
    - Chapter 4: Higher Ability Student Test Practice Examples in Specific Contexts
    - Chapter 5: Conclusion
  2. In chapter 1, the author will provide an overview of Higher Ability Student Test Practice Examples. This chapter will explore what Higher Ability Student Test Practice Examples is, why Higher Ability Student Test Practice Examples is vital, and how to effectively learn about Higher Ability Student Test Practice Examples.
  3. In chapter 2, the author will delve into the foundational concepts of Higher Ability Student Test Practice Examples. This chapter will elucidate the essential principles that need to be understood to grasp Higher Ability Student Test Practice Examples in its entirety.
  4. In chapter 3, this book will examine the practical applications of Higher Ability Student Test Practice Examples in daily life. The third chapter will showcase real-world examples of how Higher Ability Student Test Practice Examples can be effectively utilized in everyday scenarios.
  5. In chapter 4, this book will scrutinize the relevance of Higher Ability Student Test Practice Examples in specific contexts. This chapter will explore how Higher Ability Student Test Practice Examples is applied in specialized fields, such as education, business, and technology.
  6. In chapter 5, the author will draw a conclusion about Higher Ability Student Test Practice Examples. The final chapter will summarize the key points that have been discussed throughout the book.
- The book is crafted in an easy-to-understand language and is complemented by engaging illustrations. This book is highly recommended for anyone seeking to gain a comprehensive understanding of Higher Ability Student Test Practice Examples.

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