

2022 年學而思盃
六年級 – 樣卷
2022 「*Think Mathematics Competition*」
P6 - Sample Paper

學生姓名(Student Name) : _____

注意事項

- 1) 本次比賽分為甲、乙、丙三部分。甲部有 15 題，每題 2 分。乙部有 15 題，每題 4 分。丙部有 10 題，每題 6 分。比賽時間 60mins，共 40 題，滿分 150 分。
 - 2) 請把每題答案寫在 **答題卷** 上，所有題目都需要完成。
 - 3) 所有題目均為填充題，只需直接寫下答案。
 - 4) 所有答案須以數字의 真確性表達，並化至最簡，不接受近似值。
 - 5) 請使用鉛筆、黑色原子筆或者藍色原子筆作答。
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Instructions

- 1) The competition is divided into three parts: A, B and C. Section A: 1st to 15th Question (Each carries 2 marks) . Section B: 16th to 30th Question (Each carries 4 marks) . Section C: 31st to 40th Question (Each carries 6 marks) . The time is 60mins, with a total of 40 questions and a full score of 150 marks.
- 2) Please write your answers neatly ONLY on the *Answer Sheet* provided, all questions need to be completed.
- 3) All questions are blank filling questions, just write the answer directly.
- 4) All answers must be in exact value and in its simplest form. Approximations are not accepted.
- 5) Please use a pencil, black ballpoint pen, or blue ballpoint pen to write down your answers.

甲部 – 第 1 題到第 15 題(共 15 題，每題 2 分，共 30 分)

Section A: 1st to 15th Question (Each carries 2 marks)

1) 求以下算式的值。

Find the value of the following expression.

$$1+1+2+3+\cdots+34+55 = \underline{\hspace{2cm}}$$

2) 求以下算式的值。

Find the value of the following expression.

$$1^2 + 2^2 + 3^2 + 4^2 + 5^2 + 6^2 = \underline{\hspace{2cm}}$$

乙部 – 第 16 題到第 30 題(共 15 題，每題 4 分，共 60 分)

Section B: 16th to 30th Question (Each carries 4 marks)

16) 原來小思的巧克力數量是志明的 $\frac{5}{7}$ ，之後志明吃掉 22 塊後，現在小思的巧克力數量是志明的 $\frac{3}{2}$ ，那麼志明原來有多少塊巧克力？

It turned out that the amount of chocolates in Xiaosi was $\frac{5}{7}$ of Zhiming's. After Zhiming ate 22 pieces, now the amount of chocolates in Xiaosi was five-sevenths of Zhiming's. So how many chocolates did Zhiming have?

17) 一部電飯煲，先降價 30%，再漲價 30%，現價是原價的 _____ % 。

For a rice cooker, first reduce the price by 30%, then increase the price by 30%, the current price is _____ % of the original price.

丙部 – 第 31 題到第 40 題(共 10 題，每題 6 分，共 60 分)

Section C: 31st to 40th Question (Each carries 6 marks)

31) 有 4 個自然數，每次選中其中三個數，算出它們的平均數分別為：79、30、52、63，那麼原來四個數字的平均數是多少？

There are 4 natural numbers, choose three of them each time, and calculate their averages: 79, 30, 52, 63, then what is the average of the original four numbers?

~ 全卷完 ~

~ *End of Paper* ~