

2022 年學而思盃
四年級 – 樣卷
2022 「*Think Mathematics Competition*」
P4 - 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.

$$87^2 - 13^2 = \underline{\hspace{2cm}}$$

【答案】 7400

2) 求以下算式的值。

Find the value of the following expression.

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

【答案】 91

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) 小倫每天步行上學，如果步行的速度是每分鐘走 180 米，5 分鐘後，走了多少米？

Xiao Lun walks to school every day. If the walking speed is 180 meters per minute, after 5 minutes, how many meters will he walk?

【答案】 3600

17) 一根鐵絲長 60 米，把它圍成最大的長方形（邊長為整數米），則這個長方形的面積是多少平方米？

A piece of iron wire is 60 meters long and encloses it into the largest rectangle (the side length is an integer number of meters), what is the area of this rectangle in square meters?

【答案】 225

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) 傑瑞有一本書，中間被志明撕掉了一張紙（含兩個相鄰頁碼）。傑瑞將殘書的所有頁碼相乘得到 4987，請問傑瑞的書原有多少頁？（該書的所有頁面均有頁碼）

Jerry has a book, and Zhiming tore off a piece of paper (with two adjacent page numbers) in the middle. Jerry multiplied all the page numbers of the residual book to get 4987.

How many pages does Jerry's book have? (All pages of this book have page numbers)

【答案】 100

~ 全卷完 ~

~ *End of Paper* ~