

學生姓名：\_\_\_\_\_ 班別：\_\_\_\_\_ 學號：\_\_\_\_\_ 聯絡電話：\_\_\_\_\_



香港數學奧林匹克學校  
Hong Kong Mathematical Olympiad School

主辦

## 2025 第三十二屆香港小學數學奧林匹克比賽

注意事項：(1). 計算下列各題，全卷共 20 題，每題 1 分，全對才得分。

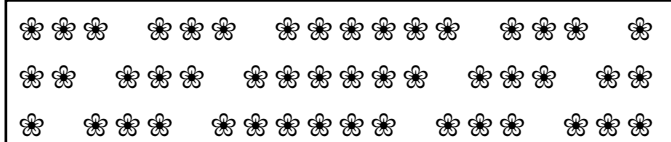
(2). 答案必須清楚寫在答案欄內(不用列式)；答案欄外或模糊不清的將不給予分數。

在下表中寫上 0 至 9，以便老師批改時核對你的字跡。

0	1	2	3	4	5	6	7	8	9

總分：

1. 下圖還要加多少朵「」才夠 60 朵？



1. \_\_\_\_\_

2.  $3 + 14 + 56 + 67 = ?$

2. \_\_\_\_\_

3.  $2985 - 367 - 1951 - 33 - 85 - 49 = ?$

3. \_\_\_\_\_

4.  $332 - 334 - 336 + 338 + 331 - 333 - 335 + 337 = ?$

4. \_\_\_\_\_

5.  $4 \times 25 - 5 \times 4 + 5 \times 4 \times 3 - 15 \times 4 = ?$

5. \_\_\_\_\_

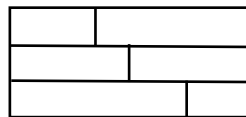
6. 依規律，找出( )內的數：3、13、33、63、( )、153

6. \_\_\_\_\_

7. 6 個連續奇數之和是 48，求 6 個連續奇數中最大的數。

7. \_\_\_\_\_

8. 右圖共有多少個長方形？



(包括組合圖形)

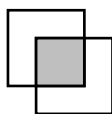
8. \_\_\_\_\_ 個

9. + + = 112, + + + + = 136, = ?

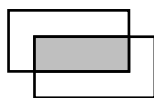
9. \_\_\_\_\_

10. 找出一幅不同類的圖：

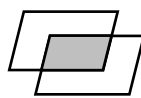
10. \_\_\_\_\_



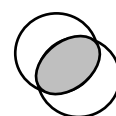
A



B



C



D

本頁分數：

11. 5 袋麵粉重量等於 2 公斤加 4 袋麵粉的重量，10 袋麵粉重多少公斤？ 11. \_\_\_\_\_ 公斤
12. 小奧買一盒曲奇餅餘下 12 元，買兩盒欠 8 元，小奧原有多少元？ 12. \_\_\_\_\_ 元
13. 甲、乙和丙三人中，一位是警察，一位是消防員，一位是海關關員。  
現在知道：  
(a) 甲的年齡和消防員不同； (b) 消防員的年齡比乙小。  
誰是消防員？ 13. \_\_\_\_\_
14. 二甲班有學生 28 人，其中 25 人會騎單車，18 人會游泳，兩樣都會的最少有多少人？ 14. \_\_\_\_\_ 人
15. 紙盒內有 15 個紅球，5 個綠球。在最壞的情況下，抽了多少個球出來依然抽不到紅球？ 15. \_\_\_\_\_ 個
16. 鮮奶 12 元一盒，買 3 送 1，買 10 盒共需多少元？ 16. \_\_\_\_\_ 元
17. 小林做了一份數學卷的一半多 8 題，還餘下 22 題，這份數學卷共有多少題？ 17. \_\_\_\_\_ 題
18. 弟弟有 25 粒糖，哥哥給弟弟 10 粒後，仍比弟弟多 5 粒，哥哥原有糖多少粒？ 18. \_\_\_\_\_ 粒
19. 井深 20 米，蝸牛白天向上爬 3 米，晚上向下滑 2 米，蝸牛需要多少天才能爬到井口？ 19. \_\_\_\_\_ 天
20. 右圖是甲、乙、丙、丁四個時鐘鐘面顯示的時間，  
最快的時鐘快 3 分鐘、  
第二快的時鐘快 1 分鐘、  
最慢的時鐘慢 4 分鐘、  
第二慢的時鐘慢 2 分鐘。  
實際時間是幾時幾分？ 20. ( ) 時  
\_\_\_\_\_ ( ) 分
- | 時鐘 | 鐘面顯示的時間 |
|----|---------|
| 甲  | 12 : 00 |
| 乙  | 12 : 05 |
| 丙  | 12 : 03 |
| 丁  | 11 : 58 |

本頁分數：

~全卷完~

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Student No.: \_\_\_\_\_ Phone No.: \_\_\_\_\_



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2025 The 32nd Hong Kong Primary Mathematical Olympiad

Remarks:

(1). Calculate the following questions. 1 mark for each question, total 20 marks. Each mark is only given to exactly right answer.

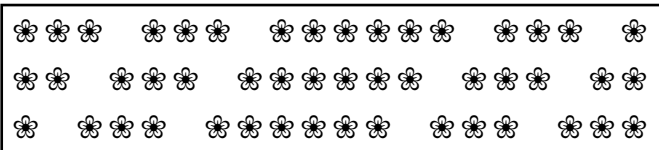
(2). Write the answers in the space provided, otherwise the answer will not be marked.

Write down 0 to 9 in the following table, to help the marker know your handwriting.

0	1	2	3	4	5	6	7	8	9

Marks:

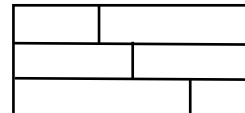
1. How many more flowers “☼” do we need to add to the picture below to make it 60? 1. \_\_\_\_\_



2.  $3 + 14 + 56 + 67 = ?$  2. \_\_\_\_\_  
 3.  $2985 - 367 - 1951 - 33 - 85 - 49 = ?$  3. \_\_\_\_\_  
 4.  $332 - 334 - 336 + 338 + 331 - 333 - 335 + 337 = ?$  4. \_\_\_\_\_  
 5.  $4 \times 25 - 5 \times 4 + 5 \times 4 \times 3 - 15 \times 4 = ?$  5. \_\_\_\_\_  
 6. According to the rule, find the number in ( ). 3, 13, 33, 63, ( ), 153 6. \_\_\_\_\_

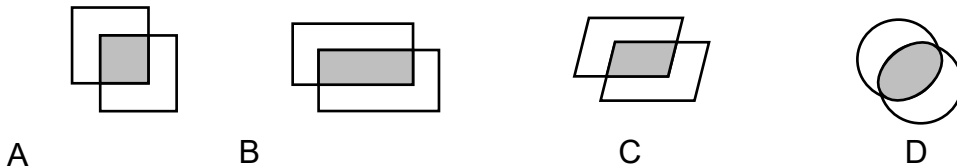
7. The sum of 6 consecutive odd numbers is 48. Find the largest number among the 6 consecutive odd numbers. 7. \_\_\_\_\_

8. How many rectangles are there in the picture on the right? (including combined graphics) 8. \_\_\_\_\_



9.  $\text{book} + \text{book} + \text{pencil} = 112$ ,  $\text{book} + \text{book} + \text{pencil} + \text{pencil} + \text{pencil} = 136$ ,  $\text{book} = ?$  9. \_\_\_\_\_

10. Find a different type of image: 10. \_\_\_\_\_



11. The weight of 5 bags of flour is equal to 2 kilograms plus the weight of 4 bags of flour. How many kilograms do 10 bags of flour weigh? 11. \_\_\_\_\_ kg
12. Fanny bought a box of cookies and had \$12 left. He bought two boxes and was \$8 short. How much did Fanny have originally? 12. \$ \_\_\_\_\_
13. Among A, B and C, one is a policeman, one is a firefighter, and one is a customs officer. Now know: (a) A is of a different age from the firefighter; (b) The firefighter is younger than B. Who is the firefighter? 13. \_\_\_\_\_
14. There are 28 students in class 2A, 25 of whom can ride a bicycle and 18 can swim. What is the least number of students who can ride bicycle and swim? 14. \_\_\_\_\_
15. There are 15 red balls and 5 green balls in the paper box. In the worst case, how many balls will be drawn before the red ball is drawn? 15. \_\_\_\_\_
16. Fresh milk is \$12 a box, buy 3 get 1 free. How much does it cost to buy 10 boxes? 16. \$ \_\_\_\_\_
17. Peter has finished 8 questions more than half of a Math test paper, and there are 22 questions left. How many questions are there in this Math test paper? 17. \_\_\_\_\_
18. The younger brother had 25 candies. After the older brother gave him 10 candies, he still had 5 more candies than his younger brother. How many candies did the older brother originally have? 18. \_\_\_\_\_
19. The well is 20 meters deep. The snail climbs up 3 meters during the day and slides down 2 meters at night. How many days does it take for the snail to climb to the top of the well? 19. \_\_\_\_\_
20. The table on the right shows the time displayed on four clocks; A, B, C and D. The fastest clock is 3 minutes fast, The second fastest clock is 1 minute fast, The slowest clock is 4 minutes slower, The second slowest clock is 2 minutes slower. The actual time is ( ) hours ( ) minutes? 20.  $\frac{(\quad)}{(\quad)}$  h  $\frac{(\quad)}{(\quad)}$  min

Clock	Time Display
A	12 : 00
B	12 : 05
C	12 : 03
D	11 : 58

~ End of paper ~