

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

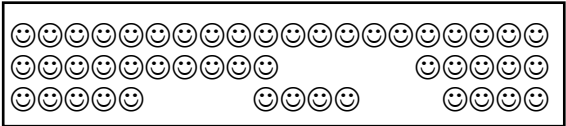

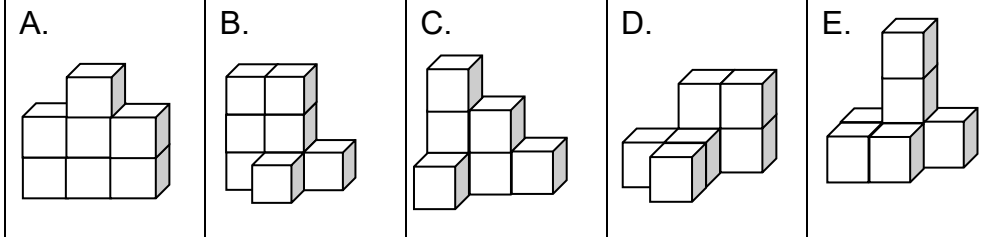
## 2025 第三十二屆香港小學數學奧林匹克比賽

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。

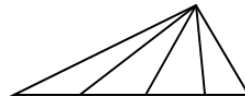
0	1	2	3	4	5	6	7	8	9

總分：

- $18 + 7 + 22 + 33 = ?$  1. \_\_\_\_\_
- $36 - 24 + 29 - 16 - 19 + 54 = ?$  2. \_\_\_\_\_
- $200 - 11 - 23 - 37 - 49 - 22 - 24 - 34 = ?$  3. \_\_\_\_\_
- 下圖中有多少個「☺」？ 4. \_\_\_\_\_ 個  

- 觀察規律，找括號內的數：2, 6, 4, 12, 6, 18, 8, ( ), 10, 30, ... 5. \_\_\_\_\_
- 兩位數字中，十位數字與個位數字相加等於 10 的數，共幾個？ 6. \_\_\_\_\_ 個
- 用 7 個 ，不可砌出以下哪個模型？寫出正確答案英文字母。 7. \_\_\_\_\_  

- $\star - \textcircled{C} = 5$ ， $\star + \star = 16$ ， $\textcircled{C} + \odot = 20$ ， $\odot = ?$  8. \_\_\_\_\_
- 用 0、2、3、5、8、9 組合沒有重複數字的兩位數，最大與最小的兩位數相差多少？ 9. \_\_\_\_\_

本頁分數：

10. 右圖共有多少個三角形?(包括組合圖形)。



10. \_\_\_\_\_ 個

11. 右面的數列共有多少個數? 21, 28, 35, .....70, 77

11. \_\_\_\_\_ 個

12. 一條繩子掛 10 個花燈, 相鄰兩個花燈距離 2 米。繩子最短幾米?

12. \_\_\_\_\_ 米

13. 媽媽有 20 粒糖果, 平均分給哥哥、姊姊和我。到不能再分時, 把餘下的糖果給了哥哥, 哥哥分得糖果多少粒?

13. \_\_\_\_\_ 粒

14. 小奧把一條紙條對摺 3 次, 打開後沿摺處剪成小段。如果每剪一段需時 2 秒, 小奧剪完整條紙條需要多少秒?

14. \_\_\_\_\_ 秒

15. 下面 3 張數卡上的兩位數都不相同, 數卡 C 上的數字被塗污了。數卡 C 上的數比數卡 A 上的數大, 而且它是單數, 但比數卡 B 小。數卡 C 上的數是多少?



15. \_\_\_\_\_

16. 小奧抽了一個幸運數, 想請同學猜猜。

小林說:「這是一個雙數。」小匹說:「這是一個一位數。」小克說:「這個數比一星期的天數多。」他們全都說對, 這個數是多少?

16. \_\_\_\_\_

17. 12 人排隊, 甲排第 5, 乙在甲後第 5 個, 丙在乙前第 3 個。丙排第幾?

17. \_\_\_\_\_

18. 利用 6、3、7、「+」和「-」, 寫出答案是 2 的算式。

18. \_\_\_\_\_

19. 甲有貼紙 12 張, 乙有 5 張。丙比甲與乙之和多 3 張。丙有貼紙幾張?

19. \_\_\_\_\_ 張

20.

硬幣	1 角	2 角	5 角	1 元	2 元	5 元
數量 (枚)	1	2	3	5	1	2

20. \_\_\_\_\_ 元

以上硬幣的總值, 還欠多少元才能購買價值 20 元的原子筆?

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.

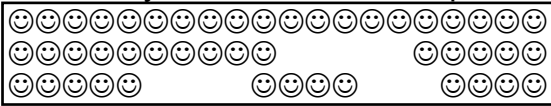
(2). Write the answers in the space provided, otherwise the answer will not be marked.

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

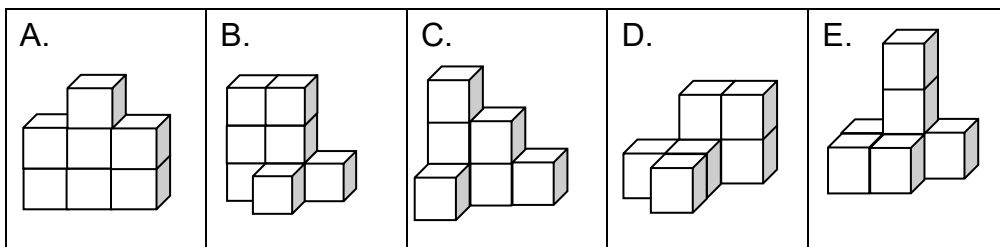
0	1	2	3	4	5	6	7	8	9

Marks:

1.  $18 + 7 + 22 + 33 = ?$  1. \_\_\_\_\_
2.  $36 - 24 + 29 - 16 - 19 + 54 = ?$  2. \_\_\_\_\_
3.  $200 - 11 - 23 - 37 - 49 - 22 - 24 - 34 = ?$  3. \_\_\_\_\_
4. How many “☺” are there in the picture below? 4. \_\_\_\_\_

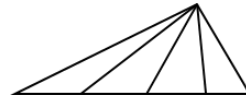


5. Observe the pattern and find the number in the brackets.  
2, 6, 4, 12, 6, 18, 8, (    ), 10, 30, ... 5. \_\_\_\_\_
6. How many two-digit numbers are there whose sum of the tens digit and the ones digit equals 10? 6. \_\_\_\_\_
7. Using 7 of , the following model cannot be built. Write the correct answer in letter. 7. \_\_\_\_\_



8.  $\star - \textcircled{C} = 5$  ,  $\star + \star = 16$  ,  $\textcircled{C} + \textcircled{O} = 20$  ,  $\textcircled{O} = ?$  8. \_\_\_\_\_
9. Use 0, 2, 3, 5, 8, 9 to form a two-digit number without repeating digits. What is the difference between the largest and smallest two digit numbers? 9. \_\_\_\_\_

10. How many triangles are there in the picture on the right? (including combined graphics). 10. \_\_\_\_\_



11. How many numbers are there in the following sequence? 11. \_\_\_\_\_  
21, 28, 35, .....70, 77

12. 10 lanterns are hung on a rope, with the distance between two adjacent lanterns being 2 meters. How long is the shortest rope? 12. \_\_\_\_\_ m

13. Mom had 20 candies and divided them equally among my older brother, sister and me. When there was no more candy to share, the remaining candies were given to the older brother. How many candies did the older brother get? 13. \_\_\_\_\_

14. David folded a piece of paper in half 3 times, opened it and cut it into small pieces along the fold. If it takes 2 seconds for each cut, how many seconds will it take David to cut the entire strip of paper? 14. \_\_\_\_\_ s

15. The two-digit numbers on the following three cards are different, and the number on card C is smeared. The number on card C is greater than the number on card A, and it is an odd number, but smaller than the number on card B. What is the number on card C? 15. \_\_\_\_\_



16. Albert drew a lucky number and wanted to ask his classmates to guess it. Billy said : This is an even number. Chris said : This is a single digit number. David said : This number is more than the number of days in a week. They all got it right, what is the number? 16. \_\_\_\_\_

17. 12 people are lined up, A is the 5th , B is the 5th behind A, and C is the 3rd in front of B. What is the position of C? 17. \_\_\_\_\_

18. Using 6, 3, 7, "+" and "-" , write an equation that gives the answer 2. 18. \_\_\_\_\_

19. A has 12 stickers and B has 5 stickers. C has 3 more stickers than the sum of A and B. How many stickers does C have? 19. \_\_\_\_\_

20. 20. \$ \_\_\_\_\_

Coin	10 cents	20 cents	50 cents	1 dollar	2 dollars	5 dollars
Quantity	1	2	3	5	1	2

Based on the total value of the coins above, how much more money do you need to buy a ballpoint pen worth \$20?

~ End of paper ~