2020 香港 數學盃

Hong Kong Mathematics Cup 2020

全港綜合數學能力大賽

K3

問題簿

Question Booklet

姓名 Name：

參賽者編號 Reg No：

限時：30分鐘
不允許使用計算機。
考生須知：

1. 未宣布開始前， 切勿翻閱此問題簿。

2. 請在此問題簿封面的適當位置寫上你的姓名及參賽者編號。

3. 所有答案必須寫在答題紙內， 並須用鉛筆作答。 請勿填寫或畫花題號後方的圓圈，否則該題答案將會作廢。

4. 請核對答題紙上列出的資料是否與你相符。 如有問題，請舉手。

5. 比賽完結時監考員會收回桌上的草稿紙，但草稿紙上所書寫的任何文字或圖表將不獲評閱。

6. 問題簿的附圖不一定依比例繪成。

Time : 30 minutes
Calculators are NOT permitted.
Instructions :

1. DO NOT OPEN THIS QUESTION BOOKLET UNTIL YOU ARE TOLD TO DO SO.

2. Write your name and registration number on the cover of this question booklet.

3. Please use a pencil and write your answers neatly ONLY on the answer sheet provided. DO NOT write or draw in the circle next to each answer box. No mark will be given if you failed to follow this instruction.

4. If the information printed on your answer sheet is not correct, please inform the invigilator immediately.

5. Rough-work sheets provided will be collected at the end of the contest but they will not be marked.

6. Diagrams in this question booklet are not necessarily drawn to scale.

1. Count the number of eyes. 圖中有多少隻眼睛? [5 marks]


A. 3   B. 4   C. 6   D. 15

2. Kenny has 3 oranges. He wants 家明有 3 個橙，他要選擇 [5 marks]

to put 4 oranges on each plate. 哪一組，才能使每個碟子

Which group should he pick? 上都放有 4 個橙？

A.

B.

C.

D.
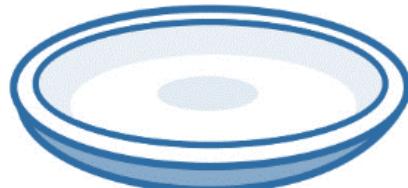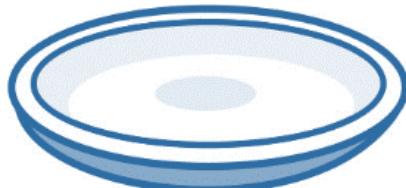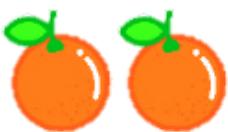
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下一頁

3. Which monkey can get the banana first? (Fill in letters) 哪隻猴子能最先拿到香蕉？ (填上英文字母) [5 marks]
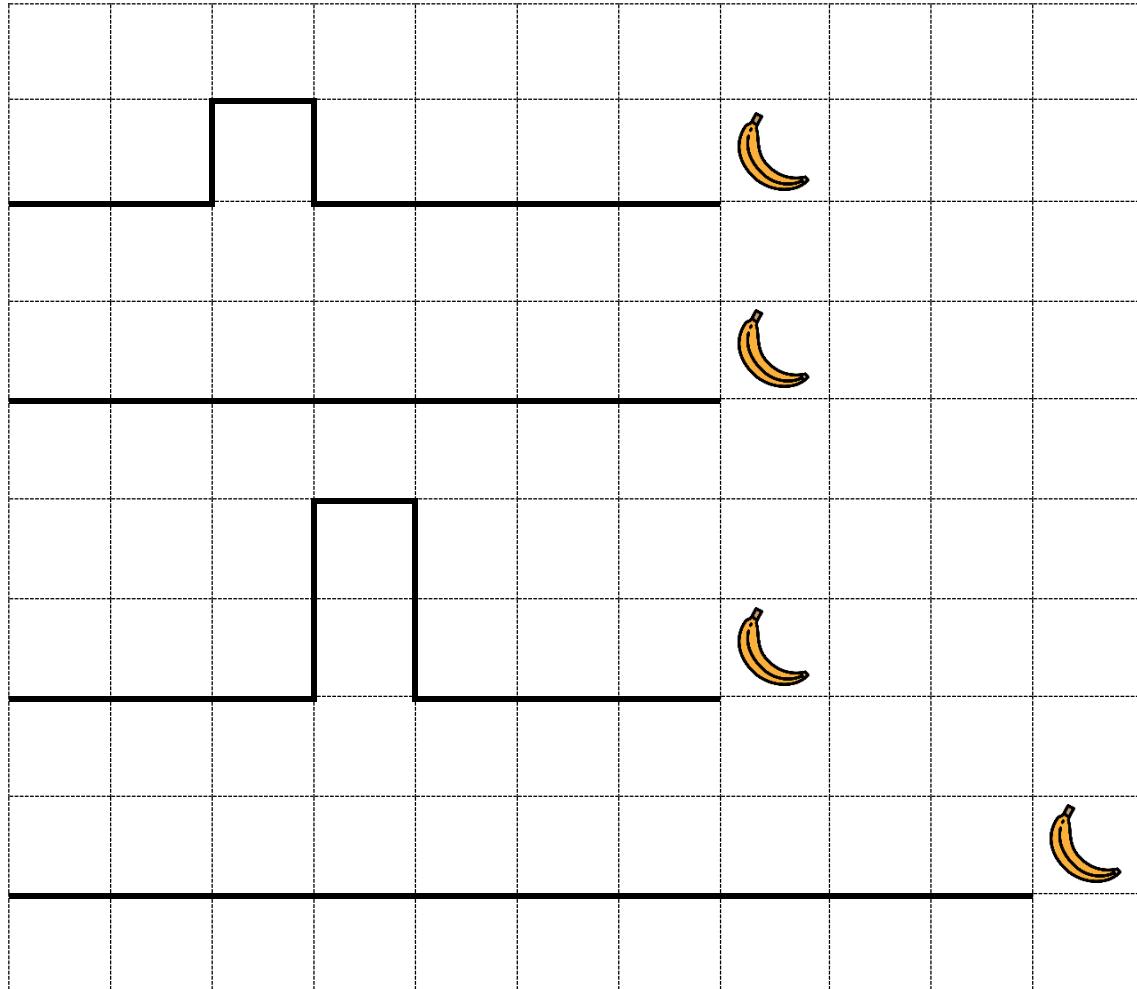
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4. Paul has 3 red pencils, 5 erasers and 6 blue pencils. How many pencils does Paul have?

    小健有紅色筆 3 支，擦膠 5 塊，藍色筆 6 支。小健有筆多少支？ [5 marks]

    A. 8   B. 9   C. 11   D. 14

5. Fill in the missing number.

    橫線上應填上甚麼數字？ [5 marks]

    21, 23, 25, _____, 29, 31

   A. 26   B. 27   C. 28   D. 30

Please turn over the page.

下一頁

6.　Peter looks at the 3-d object. What can he see?　小力看着這個立體圖形。他看見甚麼？　[5 marks]

A.	B.	C.	D.
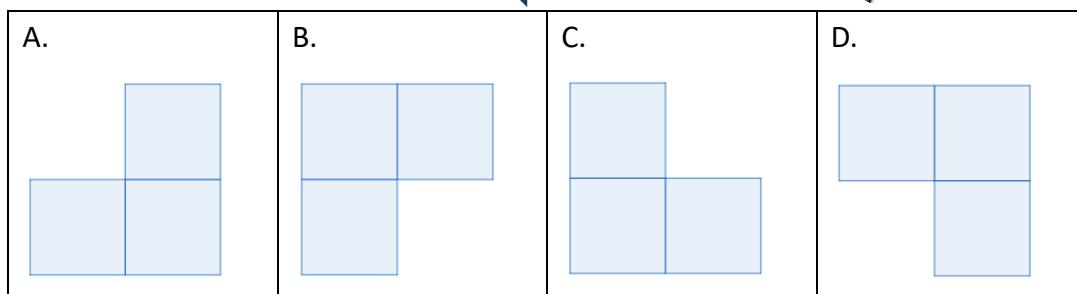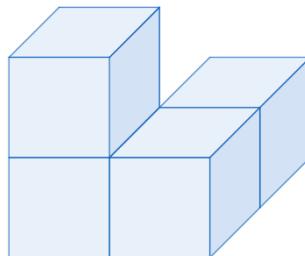
7.　Mum buys 10 apples. She eats 1 in the first day, eats 3 in the next day. How many apples does Mum eat?　媽媽買回 10 個蘋果，第一天吃了 1 個，第二天吃了 3 個。一共吃去蘋果多少個？　[5 marks]

A.　1　　　　B.　3　　　　C.　4　　　　D.　6

Please turn over the page.

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8. Read the picture and do the 看圖片，算一算。 [5 marks]

sum.

 + = 2

 + = 8

 + = ?
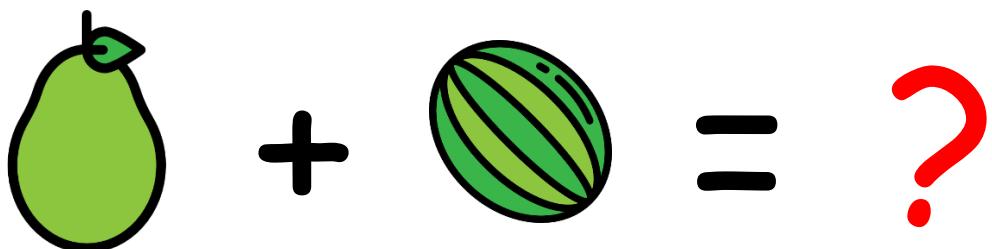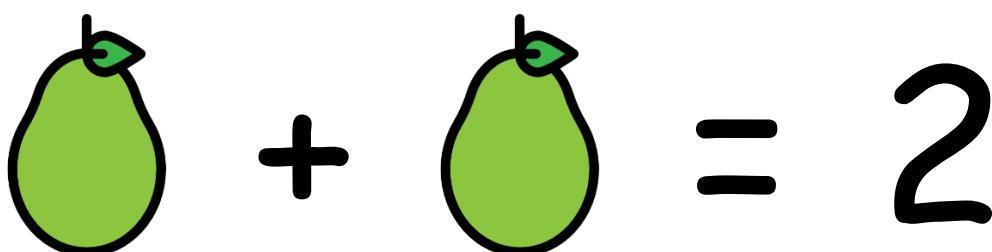
A. 4   B. 5   C. 6   D. 7

Please turn over the page.

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9. Which row has the different pattern with other three rows?　哪一列的規律與其他三列不同？ [5 marks]

A.	2	3	4	5
B.	3	4	5	6
C.	4	5	6	7
D	1	3	5	7

A. A　　　　B. B　　　　C. C　　　　D. D

10. A hand has 5 fingers.　　一隻手有 5 隻手指。 [5 marks]

Four hands have __?__ fingers.　四隻手有___?___隻手指。

A. 4　　　　B. 15　　　　C. 16　　　　D. 20

11. 3 + 7 - 8 = ?　　　　3 + 7 - 8 = ? [5 marks]

A. 2　　　　B. 4　　　　C. 12　　　　D. 18

Please turn over the page.

下一頁

12. How many blocks are there in   數出下圖中共有多少個方   [5 marks]

the picture?   塊。
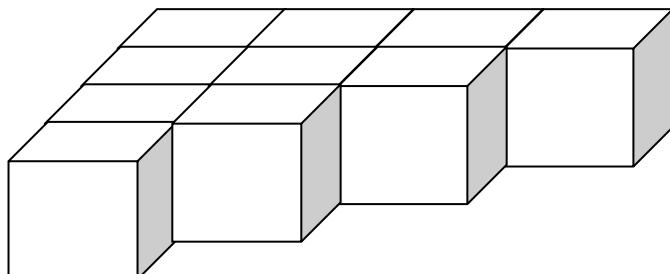
A. 10   B. 14   C. 16   D. 18

13. Read the pattern, fill in the   看規律，補上圖案。   [5 marks]

missing shape.

A. ○

B. ●

C. ▬

D. ▭
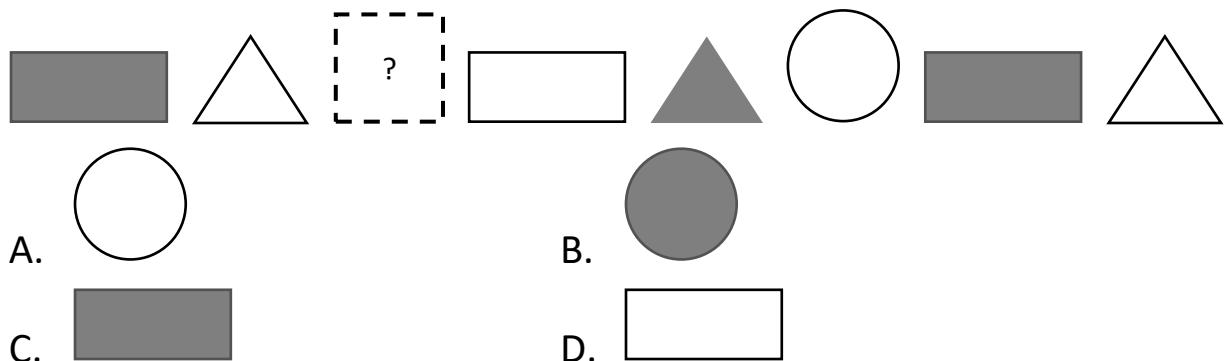
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14. Which number is an odd number that is larger than 13 and smaller than 16?　哪一個數是比 13 大，又比 16 小的單數？　[5 marks]

   A. 12　　　B. 13　　　C. 14　　　D. 15

15. 1 + 2 + 3 + 4 + 5 + 6 + 7 = ?　　1 + 2 + 3 + 4 + 5 + 6 + 7 = ?　[5 marks]

   A. 15　　　B. 21　　　C. 28　　　D. 36

16. How many triangles are there in the picture?　圖中有多少個三角形？　[5 marks]
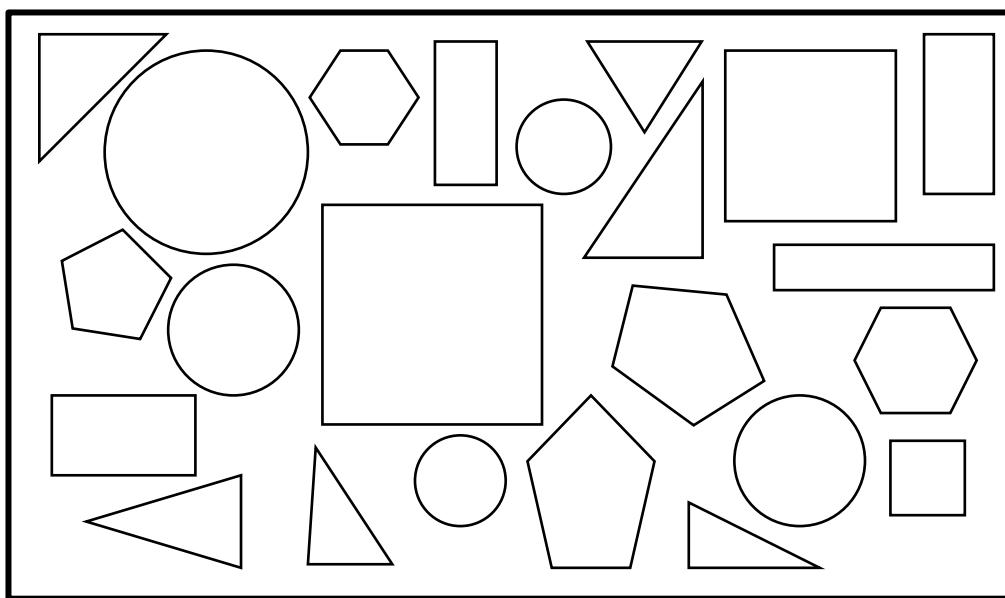
   A. 5　　　B. 6　　　C. 7　　　D. 8

Please turn over the page.

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17. From your viewing point, which shape is under ⬠ ? [5 marks]

依你看的方向，⬠ 的下面是甚麼？

A. (rectangle)

B. (triangle)

C. (star)

D. (hexagon)
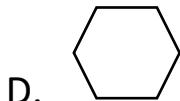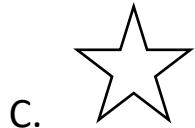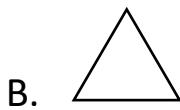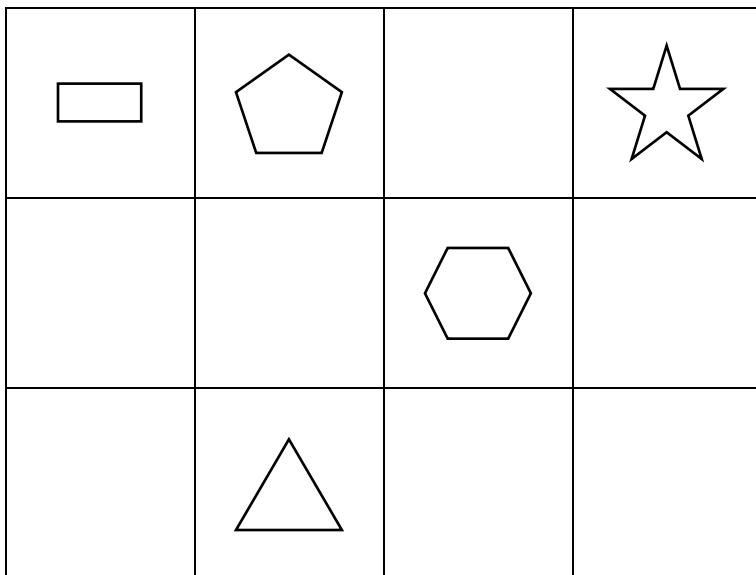
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18. Which shape does not appear in the picture below?　哪個圖案沒有在圖片中出現？　[5 marks]


A.
B.
C.
D.
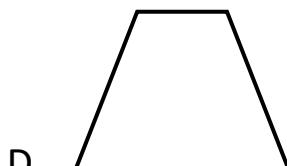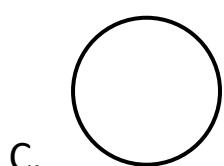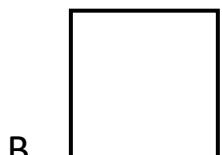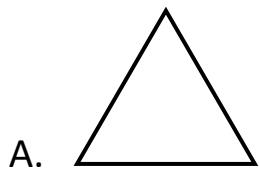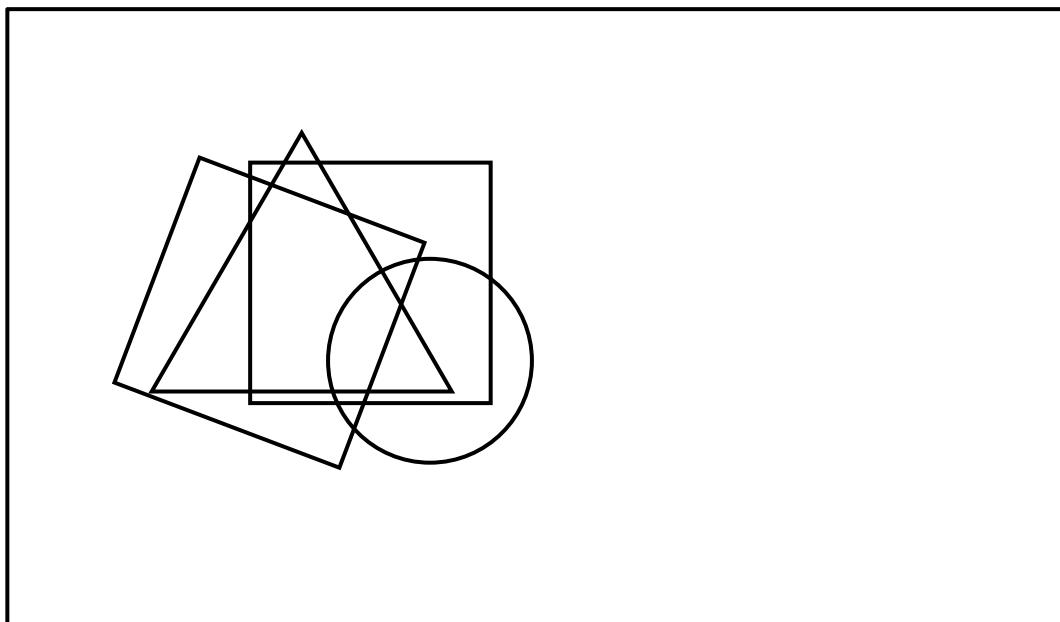
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19. How many number blocks are there in the picture below?　圖中有多少個數粒？　[5 marks]
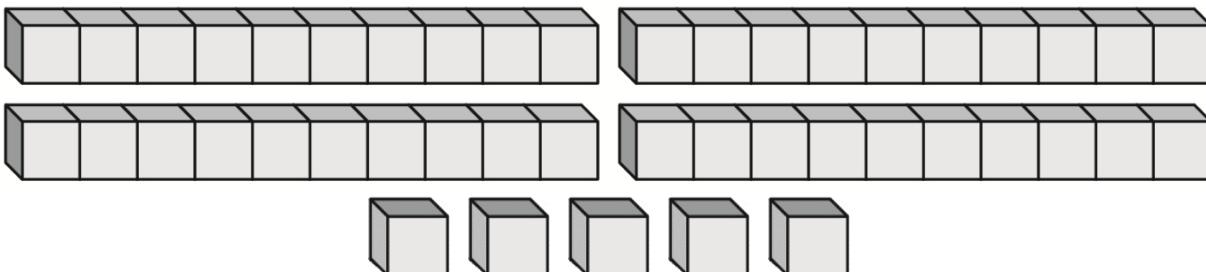
A. 9　　　B. 13　　C. 45　　　D. 54

20. The clock shows the time now. After 1 hour, what time will it be?　時鐘上的是現在的時間。一小時後會是幾時正？　[5 marks]
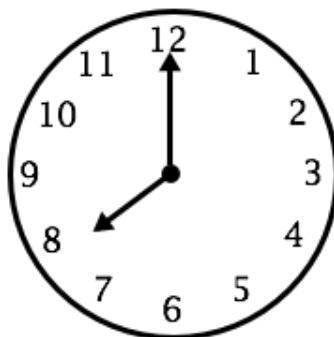
A. 7 o'clock 7 時正　　　B. 8 o'clock 8 時正

C. 9 o'clock 9 時正　　　D. 10 o'clock 10 時正

End of paper

全卷完