



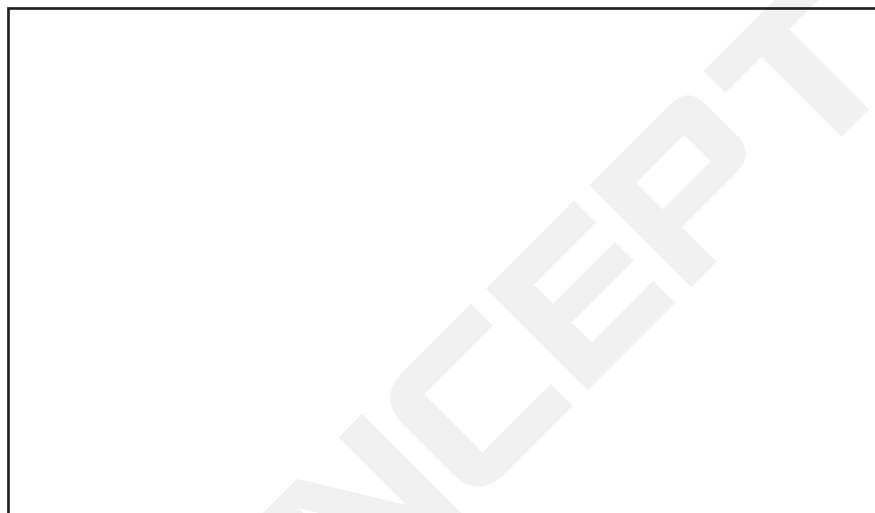
# MathConceptition

2023

# K2

# Question Booklet

# 問題簿



限時：30 分鐘

不允許使用計算機。

比賽須知：

1. 未宣布開始前，切勿翻閱此問題簿。
2. 請核對標籤貼紙上列出的資料是否與你相符。如有問題，請舉手。
3. 問題簿內所有題目均為多項選擇題，你需於每題選出一個答案，並用鉛筆圈出。
4. 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。
5. 此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. **If your information on the pre-printed label is not correct, please inform the invigilator immediately.**
3. **For each question, you will be asked to choose one option from the list. Use a pencil to circle ONE answer only.**
4. **Rough-work sheets provided will be collected at the end of the contest but they will not be marked.**
5. **Diagrams in this question booklet are not necessarily drawn to scale.**

1)  $6 + 5$  是多少? [3.8%]

What is  $6 + 5$ ?

A) 5

B) 6

C) 10

D) 11

E) 15

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2)  $7 - 4$  是多少? [3.9%]

What is  $7 - 4$ ?

A) 3

B) 4

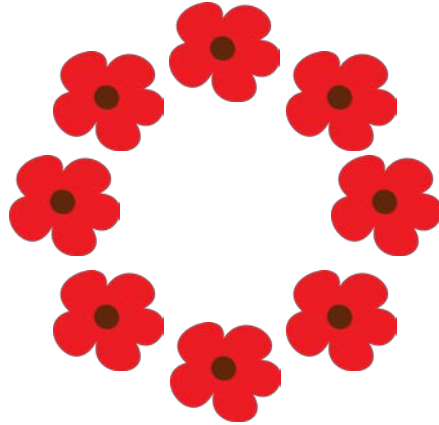
C) 5

D) 7

E) 11

- 3) 數出花朵的數目。 [4%]

Count the number of flowers.



- A) 7                      B) 8                      C) 9  
D) 10                     E) 15
- 

- 4) 妹妹今年 4 歲，2 年後她是多少歲？ [4.1%]

Jenny is 4 years old. How old will she be 2 years later?

- A) 2                      B) 3                      C) 4  
D) 6                     E) 7

- 5) 嘉嘉有 4 個玩偶。她送一個給弟弟，再送另一個給小晴。現在，嘉嘉有多少個玩偶？ [4.2%]

Yanny has 4 dolls. She gives a doll to her brother and a doll to Tina. How many dolls does Yanny have now?

- A) 0                      B) 2                      C) 3  
D) 4                      E) 6

- 
- 6) 根據規律，找出橫線上的數字。 [4.3%]

Find the missing number.

16, 14, 12, \_\_\_\_\_, 8

- A) 6                      B) 7                      C) 9  
D) 10                    E) 11

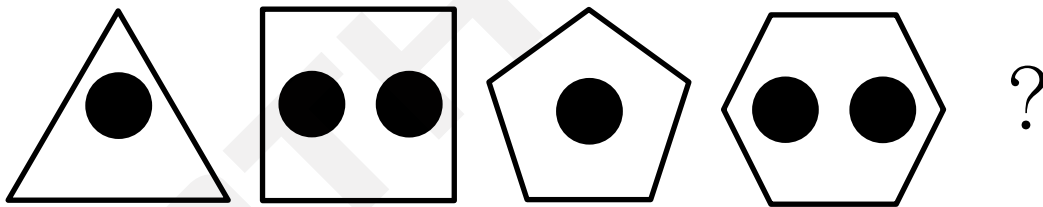
7)  $3 + 2$  和  $10 - 7$  之間是哪個數？ [4.4%]

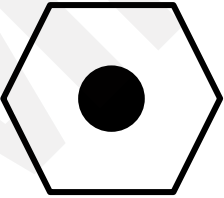
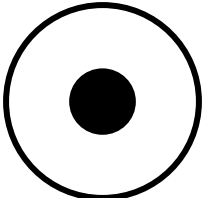
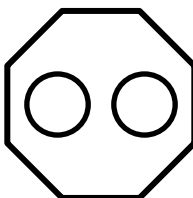
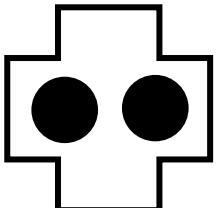
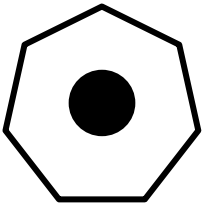
What is the number between  $3 + 2$  and  $10 - 7$ ?

- A) 2                      B) 3                      C) 4  
D) 5                      E) 8

8) 根據規律，找出缺掉的圖案。 [4.5%]

Find the missing figure.

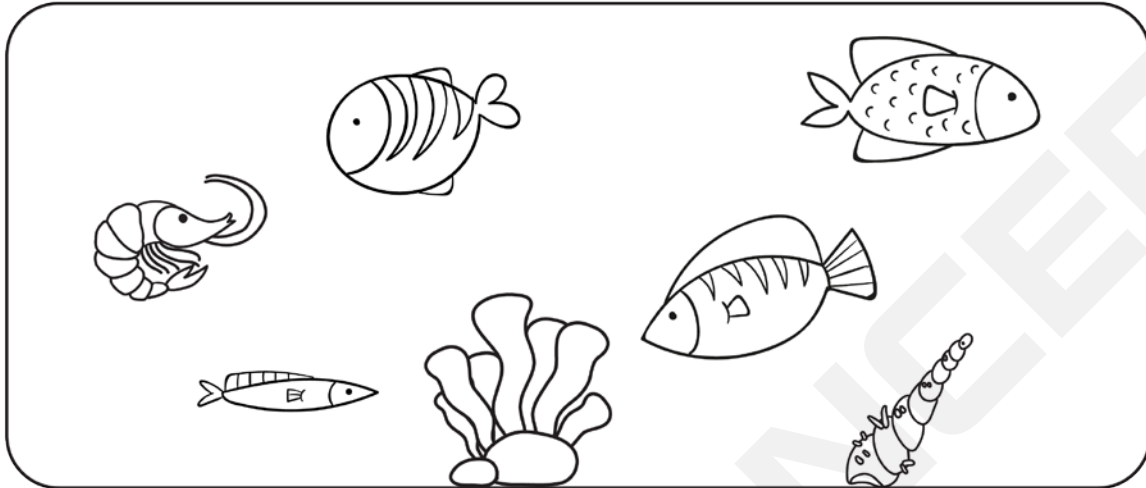


- A)       B)       C)   
D)       E) 

9) 數出圖中魚的數目。

[4.6%]

How many fish are there?



A) 4

B) 5

C) 6

D) 7

E) 8

10) 今天是 1 月 1 日。3 天前是幾月幾日？

[4.7%]

Today is 1<sup>st</sup> January, what was the date 3 days ago?

A) 1 月 0 日  
0<sup>th</sup> January

B) 1 月 4 日  
4<sup>th</sup> January

C) 12 月 29 日  
29<sup>th</sup> December

D) 12 月 30 日  
30<sup>th</sup> December

E) 12 月 31 日  
31<sup>st</sup> December

F) 0 月 0 日  
0<sup>th</sup> of the 0<sup>th</sup> Month

- 11) 小芬今年 5 歲，小德今年 4 歲。2 年後，他們 [4.8%]  
相差多少歲？

Winnie is 5 years old and Edwin is 4 years old this year. What will be the difference between their ages after 2 years?

- A) 1                      B) 3                      C) 5  
D) 7                      E) 9
- 

- 12)  $3 + 8 = \mathbf{A}$  [4.9%]

以下哪個數比 **A** 大？

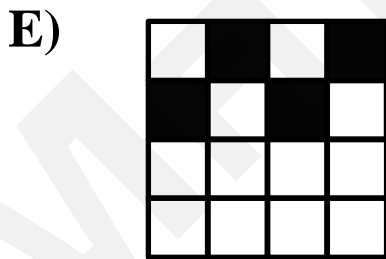
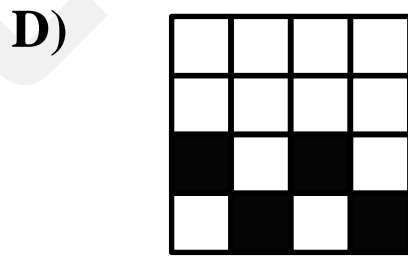
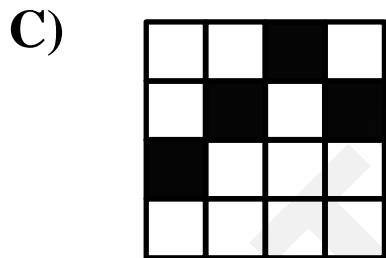
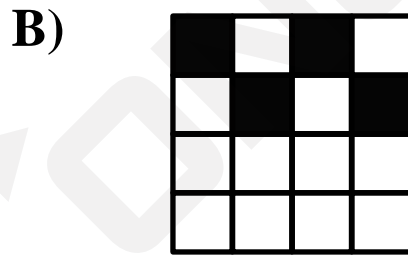
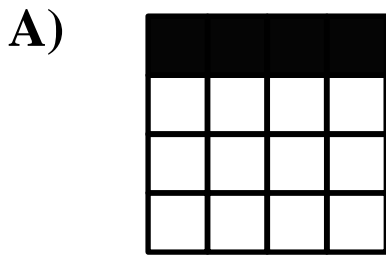
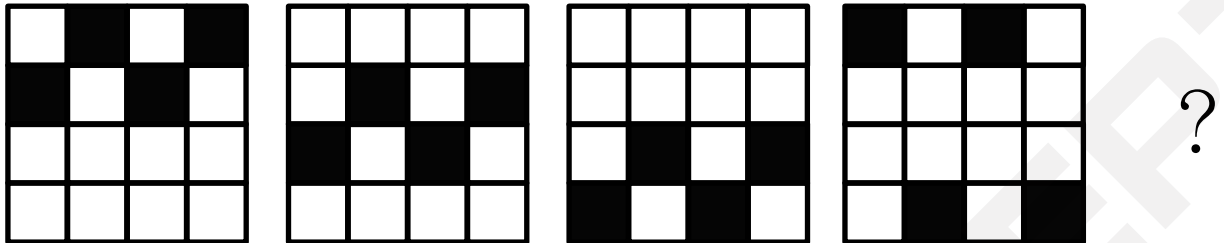
Which number is greater than **A**?

- A) 3                      B) 8                      C) 10  
D) 11                    E) 13

13) 根據規律，找出缺掉的圖案。

[5%]

Find the missing figure.

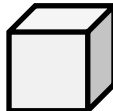


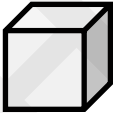


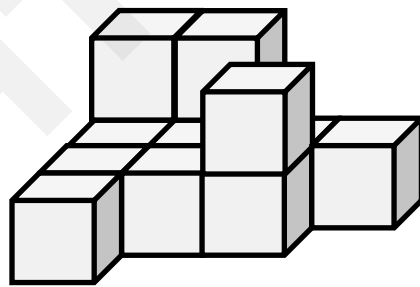
- 14) 小超有 8 張貼紙，小誠有 4 張貼紙。小超給了 小誠 2 張貼紙後，小超比小誠多貼紙多少張？ [5.1%]

Alex has 8 stickers and Benny has 4 stickers. After Alex gives Benny 2 stickers, how many more stickers does Alex have than Benny?

- A) 0                      B) 2                      C) 4  
D) 6                      E) 8                      F) 12

- 15) 要砌出以下立體最少需要多少粒  ? [5.2%]

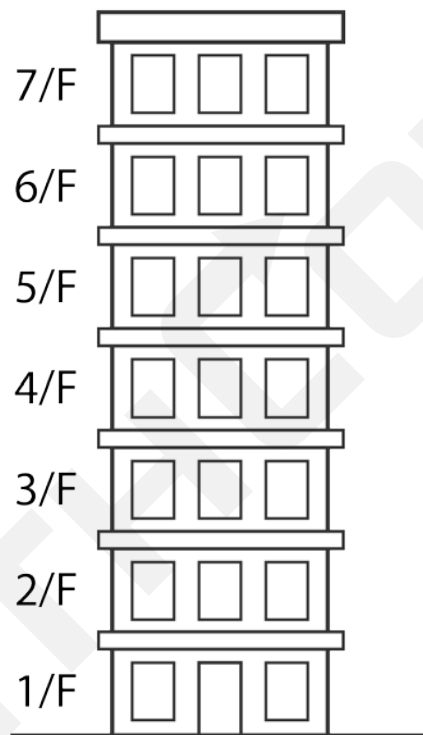
At least how many  are needed to build the solid below?



- A) 15                      B) 10                      C) 13  
D) 11                      E) 12                      F) 14

- 16) 媽媽在某大廈的三樓，爸爸在五樓。媽媽往上走一層，爸爸往下走四層。現在，媽媽要走多少層才能找到爸爸？ [6.3%]

In a building, Mum is on 3/F and Dad is on 5/F.  
Mum goes up a floor and Dad goes down 4 floors.  
Now, how many floor(s) does Mum need to walk to find Dad?



- A) 1                      B) 2                      C) 3  
D) 4                      E) 5                      F) 7

- 17) 以下是一個數獨。每一直行、橫行都要填上 1、2、3 和 4 四個數字，但不能重複。X 是甚麼？ [6.4%]

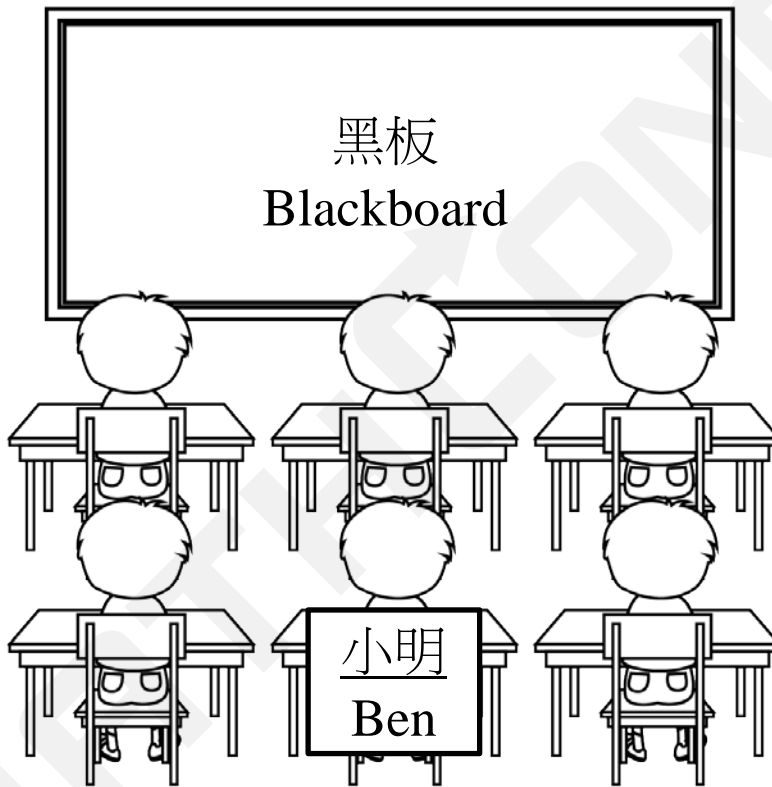
Below is a sudoku. Fill the grid with numbers so that each row and each column have the number 1 – 4 without repeating. What is X?

1			
			4
3	2		X

- A) 0                      B) 1                      C) 2  
 D) 3                      E) 4                      F) 5

- 18) 小明、小德、小偉和小美四人面向黑板上課。 [6.5%]  
小明在小德的左邊，小美在小德的前方，而小偉在小明的前方。小美在小偉的哪方？

Ben, David, Tom and Susan are facing the blackboard during lesson. Ben is on the left of David, Susan is in front of David and Tom is in front of Ben. Susan is in which direction of Tom?



- A) 前方 Front      B) 後方 Behind      C) 左方 Left  
D) 右方 Right      E) 上方 Above      F) 下方 Below

19) 求方格內的數字。

[6.6%]

Find the number in the box.

$$5 + \star = 10$$

$$12 - \text{gear} = \text{heart}$$

$$\text{heart} + \text{gear} = \boxed{\phantom{00}}$$

A) 2

B) 5

C) 7

D) 8

E) 10

F) 12

G) 15

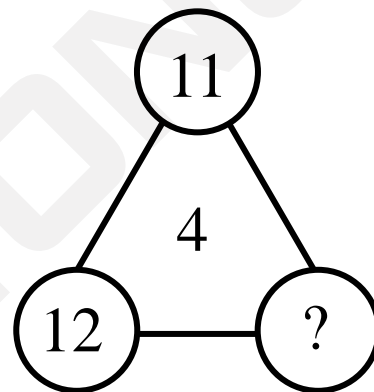
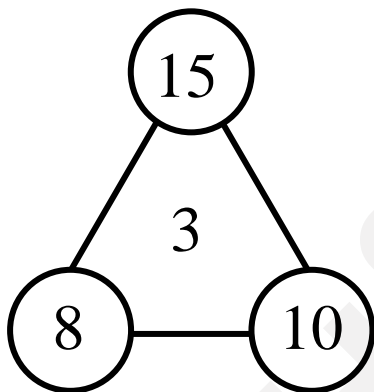
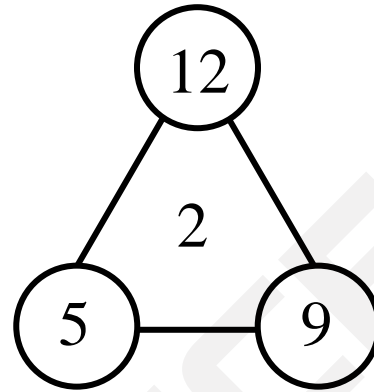
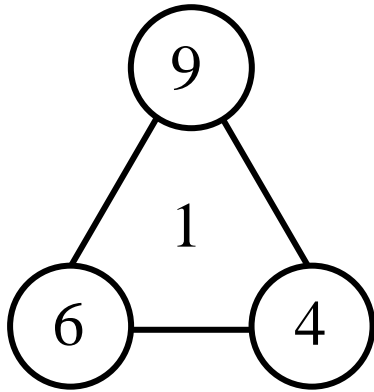
H) 17

I) 20

20) 根據規律，找出缺掉的數字。

[6.7%]

Find the missing number.



A) 2

B) 3

C) 4

D) 5

E) 6

F) 14

G) 15

H) 16

I) 20

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# MathConceptition 2023

K2

1. D

2. A

3. B

4. D

5. B

6. D

7. C

8. E

9. A

10. C

11. A

12. E

13. E

14. A

15. C

16. C

17. B

18. D

19. F

20. B