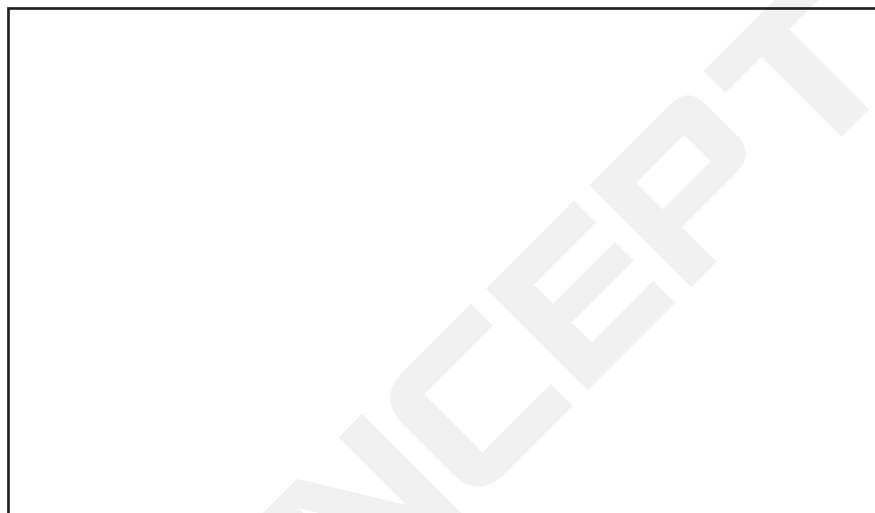# MathConceptition
2023

K3

Question Booklet

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.**

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問題簿

1)   3 + 6 是多少？   [3.8%]

What is 3 + 6?

     A)   5   **B)**   6   **C)**   7

     D)   8   **E)**   9

---

2)   5 − 2 是多少？   [3.9%]

What is 5 − 2?

     A)   2   **B)**   3   **C)**   4

     D)   5   **E)**   6

3) 數一數水果的數目。 [4%]

Count the number of fruit(s).
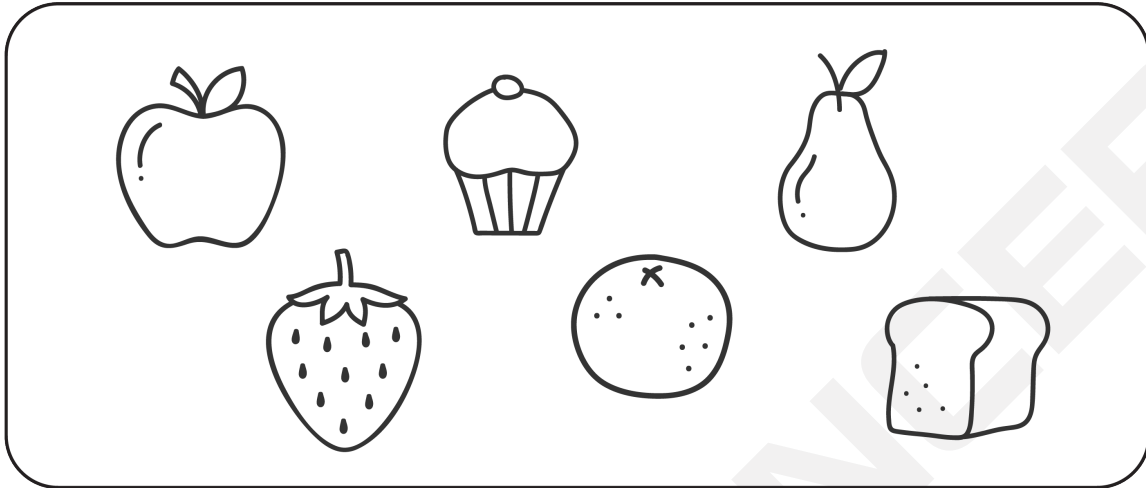
A) 1 **B)** 2 **C)** 3

D) 4 **E)** 5 **F)** 6

---

4) 哪一個數比 12 少 5？ [4.1%]

Which number is smaller than 12 by 5?

A) 5 **B)** 6 **C)** 7

D) 8 **E)** 9 **F)** 17

5) 從 27 開始倒數，下一個數字是多少？ [4.2%]

Count backwards from 27, what is the next number?

A) 21 **B)** 22 **C)** 25

D) 26 **E)** 27 **F)** 28

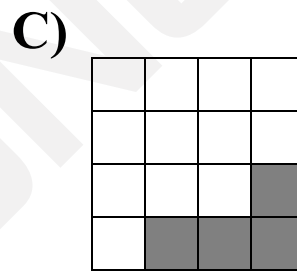---

6) 根據規律，找出橫線上的數字。 [4.3%]

Find the missing number.

2, 9, 16, 23, 30, _?_, 44, 51, …

A) 31 **B)** 33 **C)** 35

D) 37 **E)** 39 **F)** 41

7) 根據規律，找出缺掉的圖案。 [4.4%]

Find the missing figure.

A)

B)

C)

D)

E)

F)
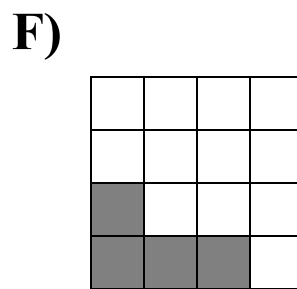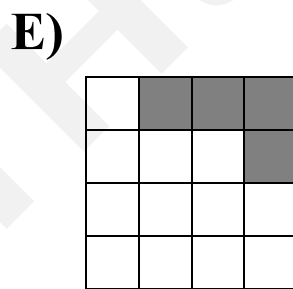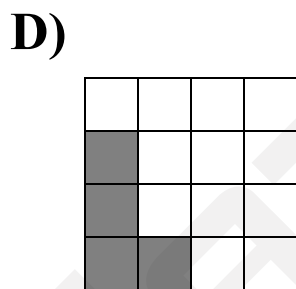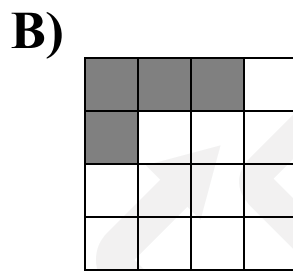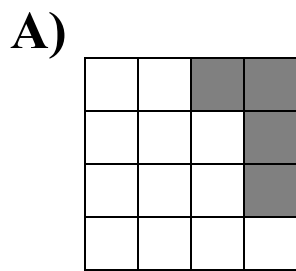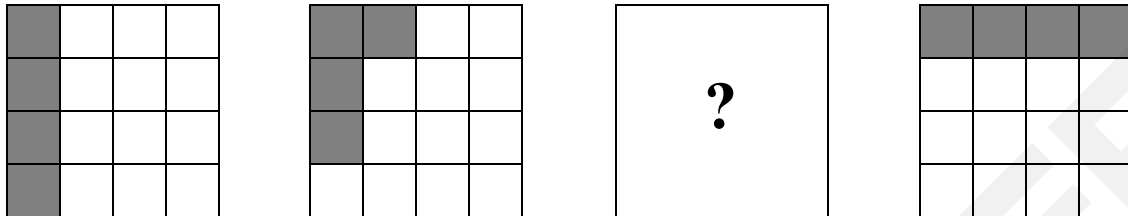
8) 以下哪一個圖形沒有在圖中出現？ [4.5%]

Which shape is not in the picture below?
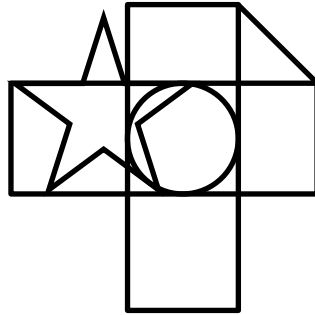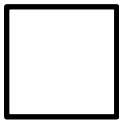

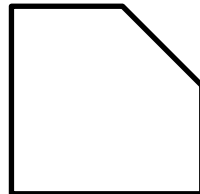**A)**

B)

C)

D)

E)

F)

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9) 小耀有 15 粒朱古力。他每天吃 3 粒朱古力。 [4.6%] 小耀需要多少天才能吃掉所有朱古力？

Thomas has 15 chocolates. If he eats 3 chocolates every day, how many days does it take to finish all chocolates?

A) 4   **B)** 5   **C)** 6

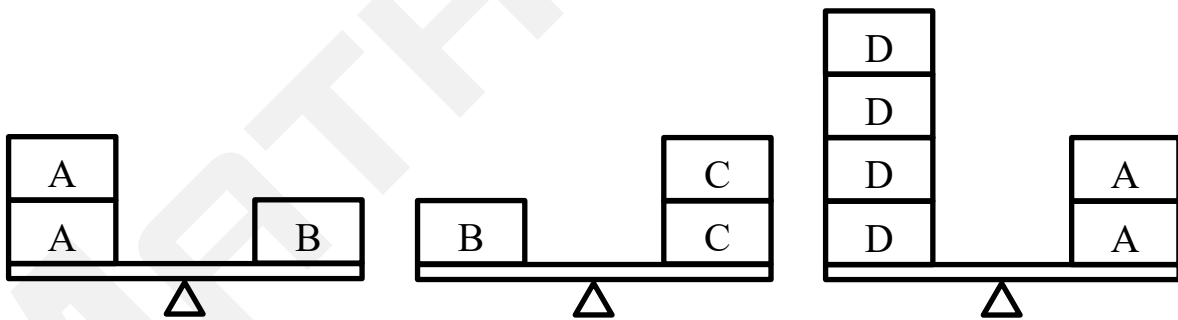**D)** 7   **E)** 8   **F)** 9

10) 哪一個數字最小？ [4.7%]

Which number is the smallest?

A) 202303 **B)** 202403 **C)** 202324

D) 202424 **E)** 202323 **F)** 202423

---

11) 一個 C 等於多少個 D 的重量？ [4.8%]

How many D's are as heavy as a C?

A) 1 **B)** 2 **C)** 3
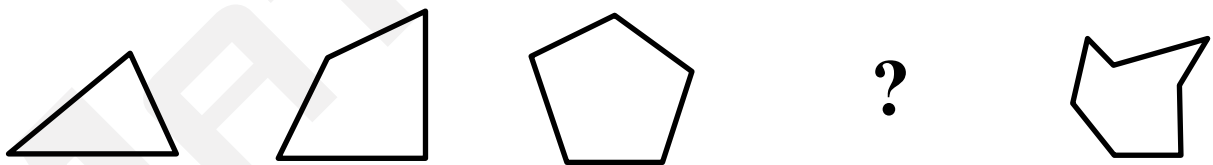
D) 4 **E)** 5 **F)** 6

12) 要砌出以下立體最少需要 多少粒？　　　　[4.9%]
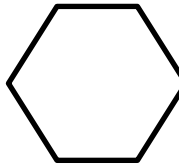
At least how many are needed to build the solid below?
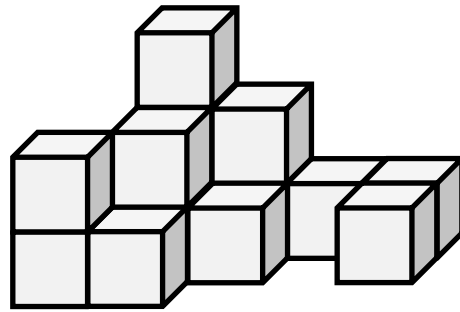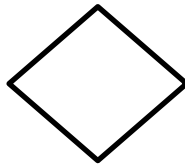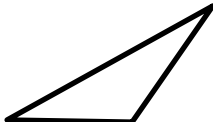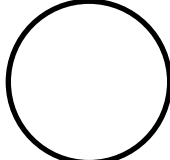
A) 9	**B)** 10	**C)** 11
D) 12	**E)** 13	**F)** 14

---

13) 根據規律，找出缺掉的圖案。　　　　[5%]

Find the missing shape.

A) 　　**B)** 　　**C)**

D) 　　**E)** 　　**F)**

14) 小強在排隊買炸雞，已知 4 人排在他身後，   [5.1%]
7 人排在他前面。3 人離開隊伍後，現在一共
有多少人在排隊？

Bobby is queuing for fried chickens. There are
4 people behind him and 7 people in front of him.
3 people have just left, how many people are there in
the queue now?

A)   7   **B)**   8   **C)**   9

D)   10   **E)**   11   **F)**   12

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15) 今天是星期日。12 天後是星期幾？   [5.2%]
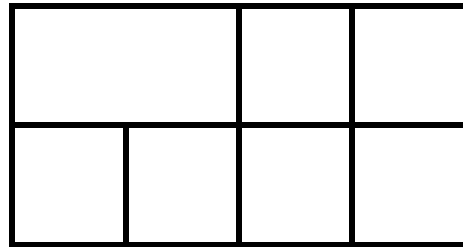
Today is Sunday. Which day of the week is it after
12 days?

A)   星期一   **B)**   星期二   **C)**   星期三
       Monday   Tuesday   Wednesday

D)   星期四   **E)**   星期五   **F)**   星期六
       Thursday   Friday   Saturday

16) 下圖中共有多少個正方形？   [6.3%]

How many squares are there in the figure below?

A) 6	**B)** 7	**C)** 8
D) 9	**E)** 10	**F)** 11

---

17) 依次序填寫「＋」、「－」或數字，使算式成立。 [6.4%]

Fill in "＋", "－" or a number in each box in a correct order to make the calculation valid.

11 　 **?** 　 8 　 **?** 　 4 　 ＝ 　 7

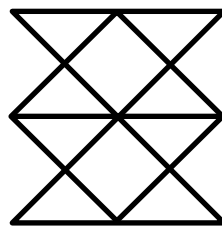|		
A) ＋, ＋	**B)** ＋, －	**C)** －, ＋
D) －, －	**E)** 2, －	**F)** ＋, 0

18) 找出缺掉的圖案。 [6.5%]

Find the missing figure.
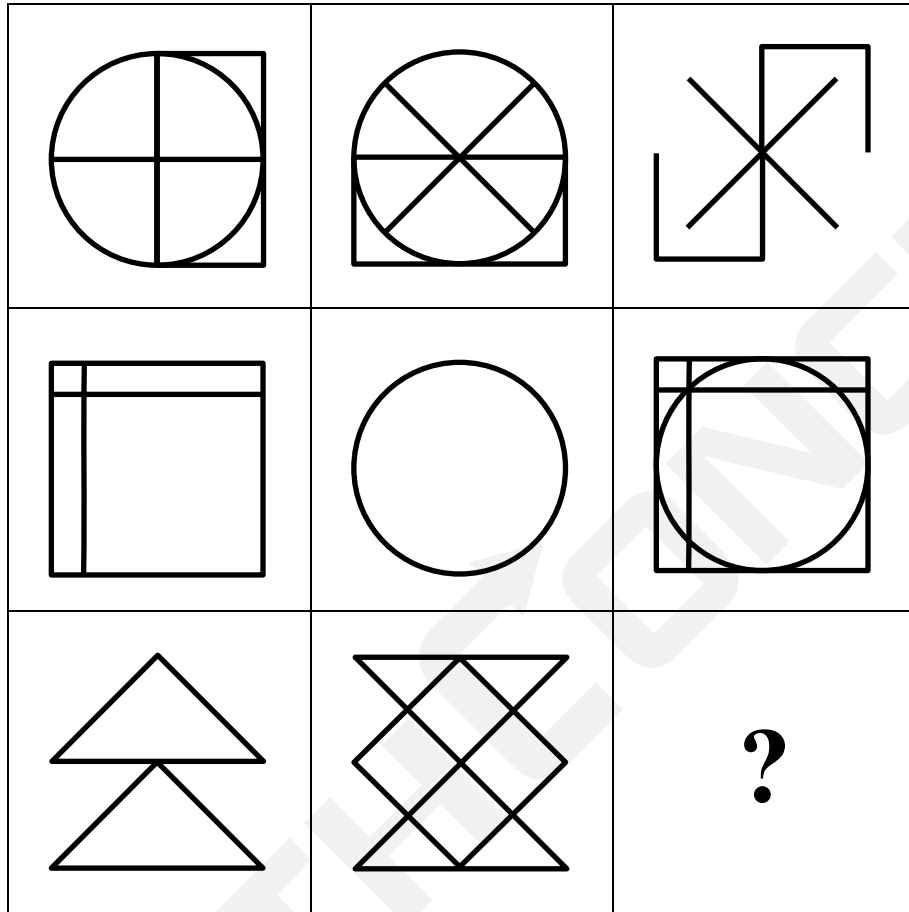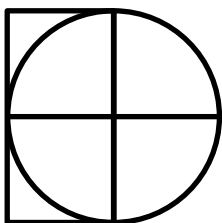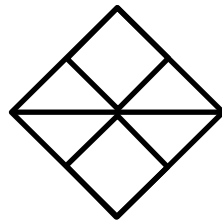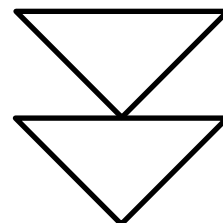

A)
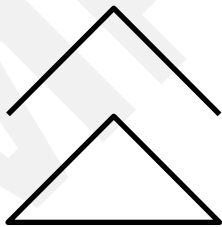
B)

C)
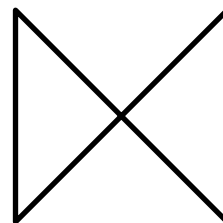
D)

E)

F)

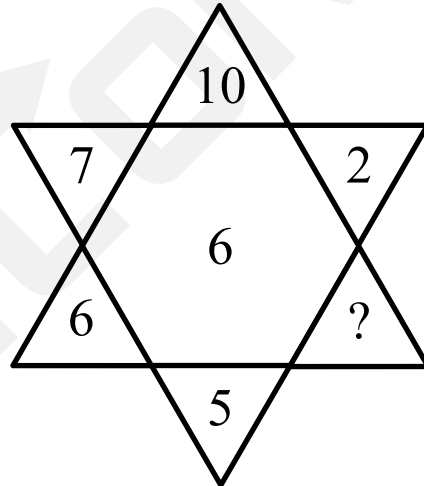**19)** 小明在 2020 年 2 月 25 日出發去旅行，並在 [6.6%] 2020 年 3 月 2 日回家。包括出發日及回程日，小明共去了旅行多少天？
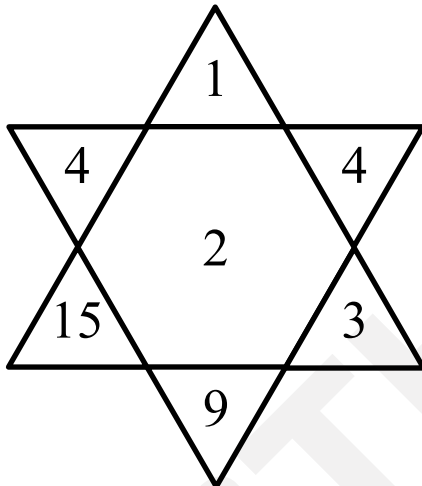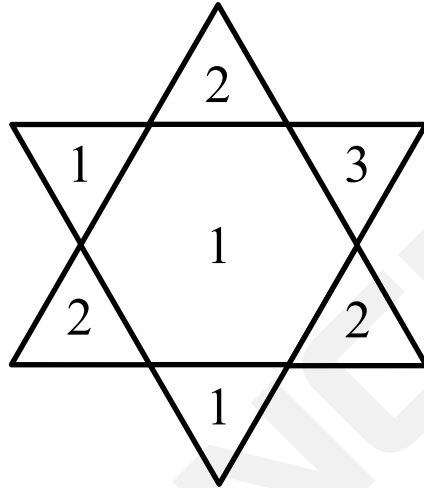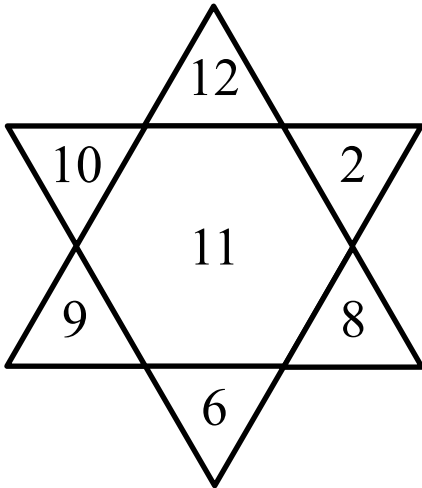
Tom goes travelling on 25th February 2020 and returns home on 2nd March 2020. How many days does he travel, including the departure and arrival day?

A) 3 **B)** 4 **C)** 5

D) 6 **E)** 7 **F)** 8

G) 9 **H)** 10 **I)** 11

20) 解以下謎題。 [6.7%]

Solve the following puzzle.

A) 2 **B)** 3 **C)** 4

D) 5 **E)** 6 **F)** 7

G) 8 **H)** 9 **I)** 10

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MathConceptition 2023

K3

1.	E	11.	B
2.	B	12.	F
3.	D	13.	C
4.	C	14.	C
5.	D	15.	E
6.	D	16.	C
7.	B	17.	C
8.	E	18.	F
9.	B	19.	E
10.	A	20.	C