



MathConceptition

2017

K3



Time: 30 minutes
Calculators are NOT permitted.

Instructions:

1. **DO NOT** open the contest booklet until you are told to do so.
2. You may use pencil to write your answer and scrap papers for rough work.
3. Circle the answer in this booklet.

限時：30 分鐘
不允許使用計算機。

考生須知：

1. 在考官宣佈開始前，請勿翻閱問題簿。
2. 以鉛筆作答題目。如有需要，可要求算草紙。
3. 圈出正確答案。

Question Booklet
問題簿

Part A

- ① Count the number of eyes.
數一數眼睛的數目。

[4.5%]



- (A) 2 (B) 3 (C) 6 (D) 9 (E) 12

- ② $6 + 18 = ?$

[4.5%]

- (A) 20 (B) 22 (C) 23 (D) 24 (E) 25

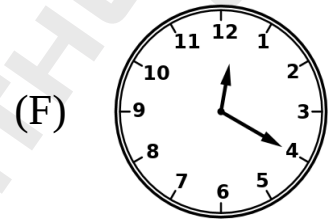
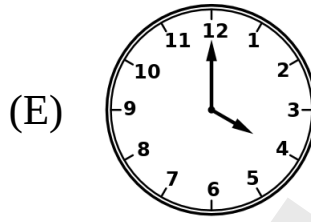
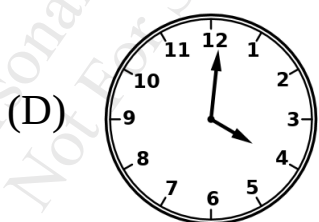
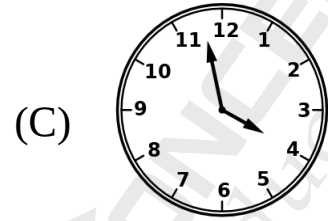
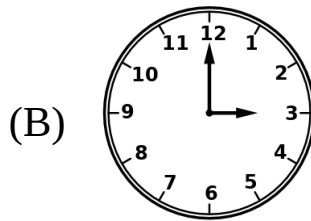
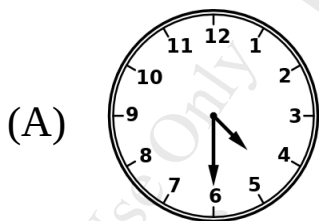
- ③ $19 - 8 = ?$

[4.5%]

- (A) 9 (B) 10 (C) 11 (D) 12 (E) 17

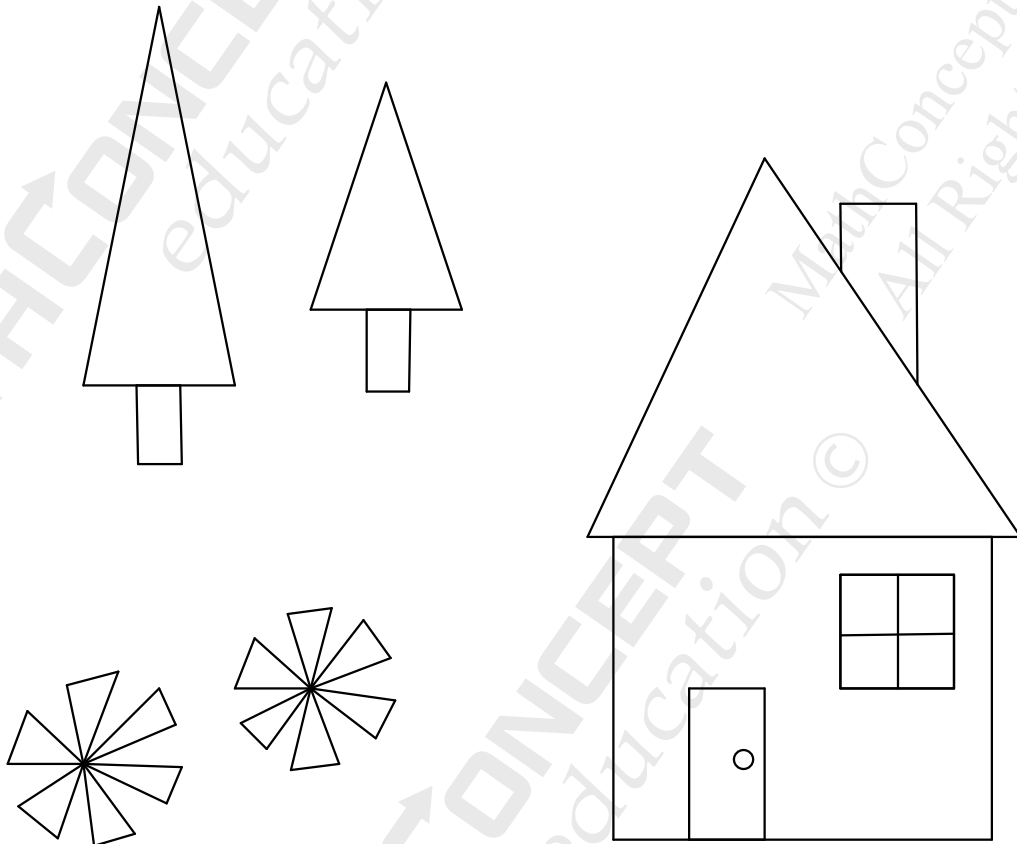
- ④ Which of the following clocks is showing the time 4:00?
以下哪一個鐘面顯示的時間是 4 時正？

[4.5%]



- ⑤ Count the number of triangles in the figure.
數出三角形的數目。

[4.5%]



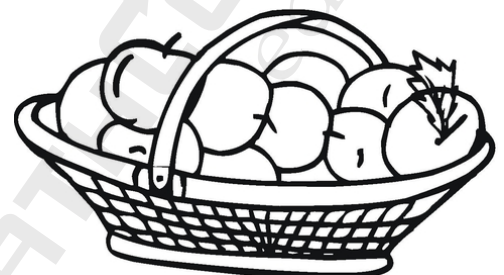
- (A) 2 (B) 3 (C) 14 (D) 15 (E) 16

- ⑥ There are 6 green apples, 8 red apples, and 4 oranges in a basket.
How many apples are there in the basket?

[4.5%]

籃子裏有 6 個青蘋果、8 個紅蘋果和 4 個橙。問籃子裏有多少個蘋果？

- (A) 6 (B) 8 (C) 4 (D) 18 (E) 14



- ⑦ Find the missing number. [4.5%]
根據規律，找出橫線上的數字。

3, 6, 9, 12, _____, 18, 21

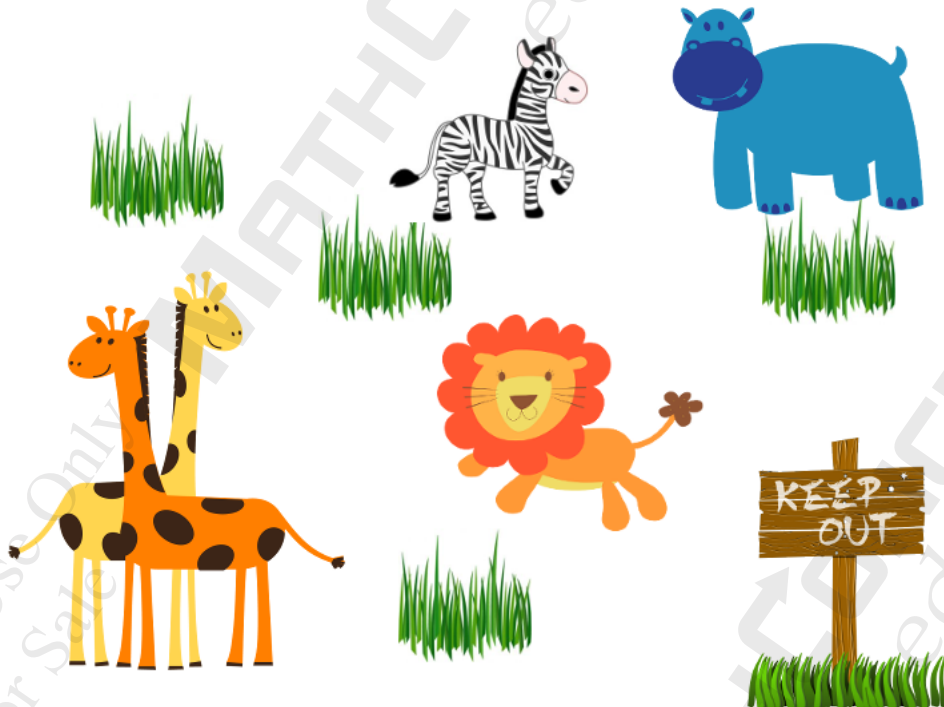
(A) 13 (B) 14 (C) 15 (D) 16 (E) 17

- ⑧ Find the missing number. [4.5%]
根據規律，找出橫線上的數字。

70, 65, 60, _____, 50, 45

(A) 59 (B) 55 (C) 54 (D) 52 (E) 50

- ⑨ Count the number of legs. [4.5%]
以下動物共有多少隻腳？



(A) 16 (B) 18 (C) 20 (D) 22 (E) 24

- ⑩ Harry is 6 years old. His sister Emma is 7 years older than him. What is the sum of their ages? [4.5%]

小文今年 6 歲。小文的姐姐比他大 7 歲，問二人的年齡總共是多少歲？

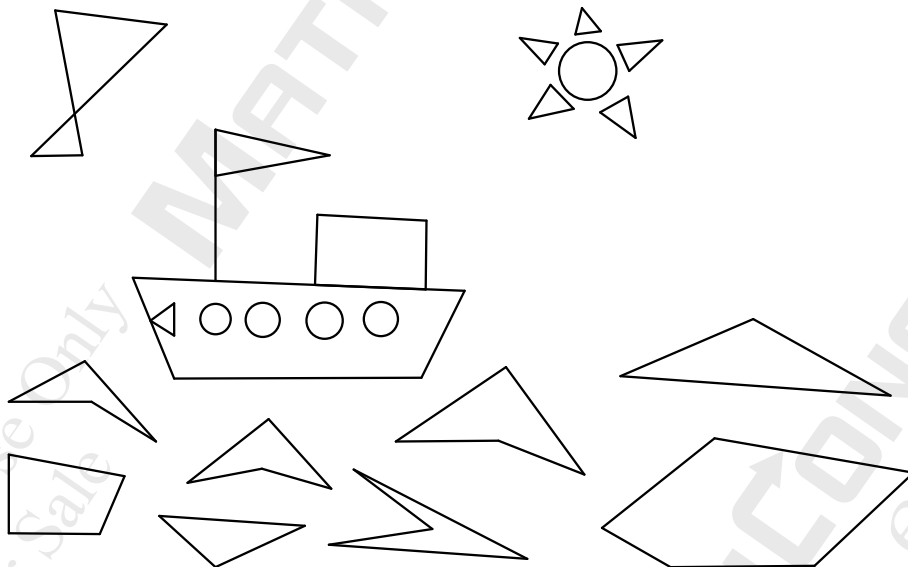
(A) 12 (B) 13 (C) 14 (D) 19 (E) 20

- ⑪ Find the missing letter. [4.5%]
找出橫線上的字母：

A , B , B , B , _____ , B , D , B , E , B

(A) B (B) A (C) D (D) E (E) C

- ⑫ Count the number of triangles. [4.5%]
數出三角形的數目。



(A) 11 (B) 12 (C) 13 (D) 14 (E) 15

- ⑬ Find the missing shape. [4.5%]
根據規律，找出缺掉的圖案。



- (A) (B) (C) (D) (E)

- ⑭ Today is Wednesday. What day is it 10 days later? [4.5%]
今天是星期三，10 天後是星期幾？

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
星期日	星期一	星期二	星期三	星期四	星期五	星期六

- (A) Sunday 星期日 (E) Thursday 星期四
(B) Monday 星期一 (F) Friday 星期五
(C) Tuesday 星期二 (G) Saturday 星期六
(D) Wednesday 星期三

- ⑮ Angie bought some bananas from a supermarket. After she ate half of them, there were 8 bananas left. How many bananas did she buy from the supermarket? [4.5%]
小怡到超級市場買了一些香蕉。她吃了一半後，還餘下 8 隻香蕉。問她買了多少隻香蕉？

- (A) 1 (B) 4 (C) 8 (D) 12 (E) 16

Part B

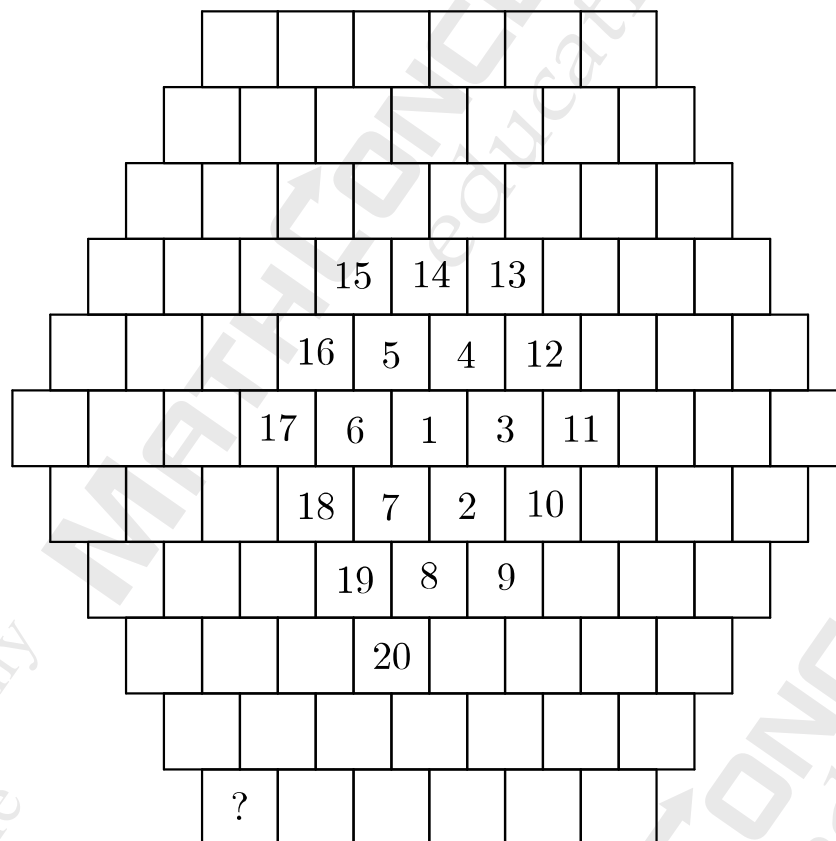
- ⑩ Mary wrote the numbers from 1 to 100 on the chalkboard. How many “0”s did she write on the board? [6.3%]

小美把 1 到 100 各數字寫在黑板上。問她共寫出了多少個「0」字？

- (A) 2 (B) 9 (C) 10 (D) 11 (E) 12

- ⑰ Which number should be put in the question mark box? [6.4%]

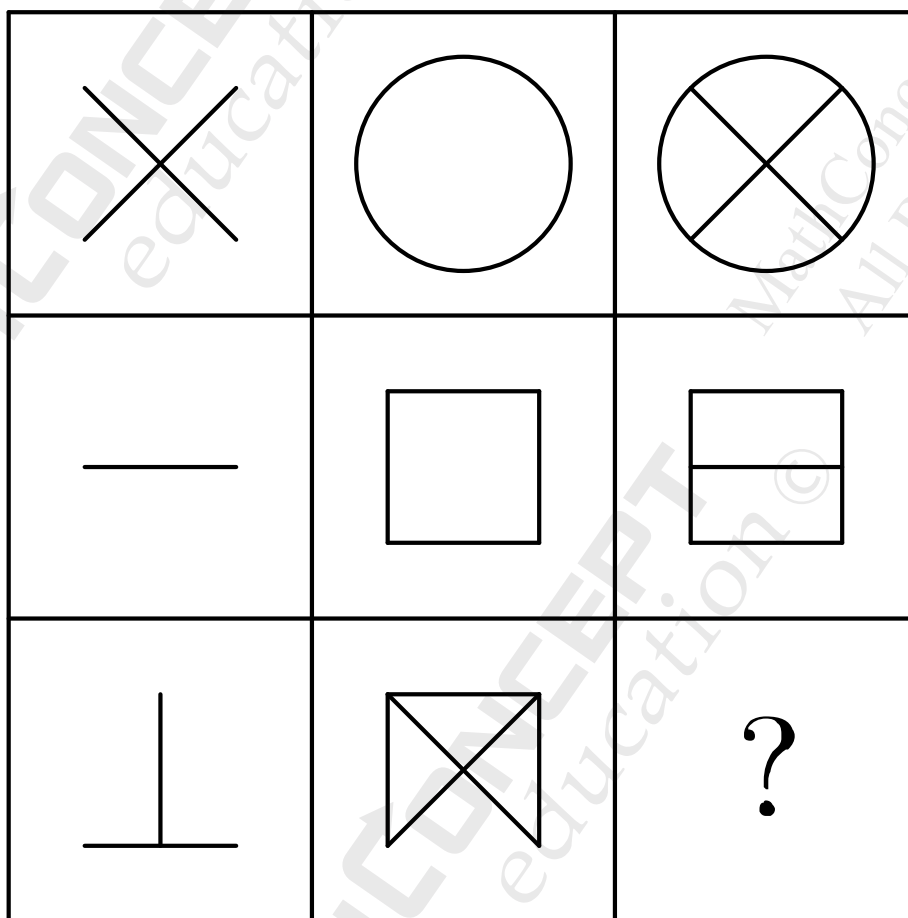
問號方格應該填上甚麼數字？



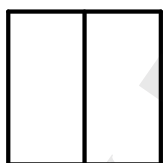
- (A) 90 (B) 91 (C) 95 (D) 99 (E) 100

- ⑮ Find the missing shape.
找出缺掉的圖案。

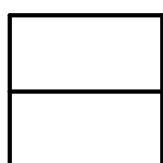
[6.5%]



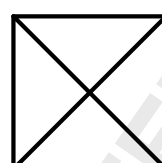
(A)



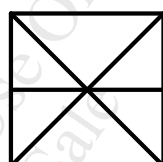
(B)



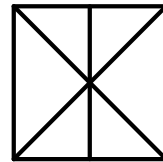
(C)



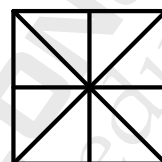
(D)



(E)



(F)



- ①⑨ Six little turtles, A, B, C, D, E, F, are lining up to go to bathroom. F is after A and before D and he is also between B and C; B is the first in the line; and E is the last in the line. Which turtle is F? [6.6%]

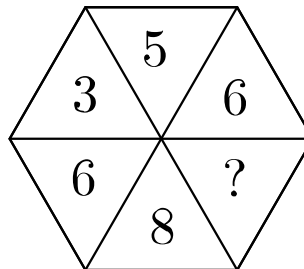
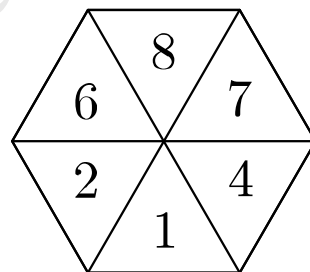
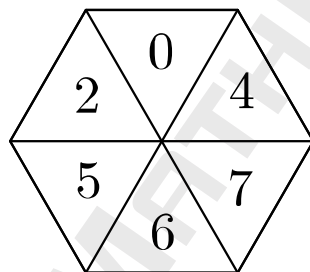
有六隻小烏龜（分別是 A、B、C、D、E 和 F）排隊上廁所。F 排在 A 之後，並排在 D 之前，而且又排在 B 和 C 之間。已知 B 排第一而且 E 排最後。問 F 排第幾位？



- (A) 1st 第 1 位 (B) 2nd 第 2 位 (C) 3rd 第 3 位
(D) 4th 第 4 位 (E) 5th 第 5 位 (F) 6th 第 6 位

- ②⑩ Solve the following puzzle.
解以下謎題。

[6.7%]



- (A) 0 (B) 1 (C) 2 (D) 3 (E) 4
(F) 5 (G) 6 (H) 7 (I) 8 (J) 9

K3 Answer Key

1) D

2) D

3) C

4) E

5) D

6) E

7) C

8) B

9) C

10) D

11) E

12) A

13) D

14) G

15) E

16) D

17) B

18) E

19) C

20) G