



# Math Conceptition

## 2018

# K3

# Question Booklet

# 問題簿



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) 數一數花朵的數目。 [4%]

Count the number of flowers.



(A) 11

(B) 10

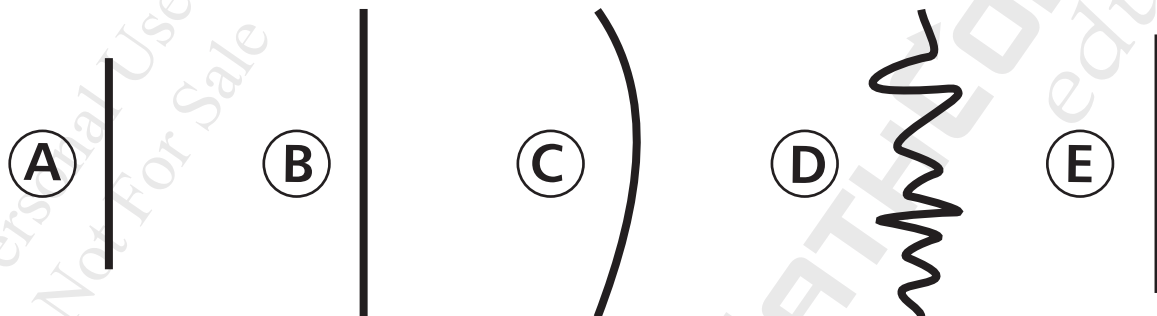
(C) 9

(D) 8

(E) 7

- 2) 以下哪一條線最長？ [4%]

Which line is the longest?



- 3) 根據規律，找出橫線上的數字。 [4%]

Find the missing number.

19 , \_\_\_\_\_ , 17 , 16 , 15 , 14

- Ⓐ 19                      Ⓑ 20                      Ⓒ 17  
Ⓓ 18                      Ⓔ 21
- 

- 4) 根據規律，找出橫線上的數字。 [4%]

Find the missing number.

2 , 4 , 6 , 8 , \_\_\_\_\_ , 12 , 14

- Ⓐ 9                      Ⓑ 11                      Ⓒ 10  
Ⓓ 13                      Ⓔ 7

5) 以下動物共有多少隻腳？

[4%]

Count the number of legs.



(A) 7

(B) 19

(C) 21

(D) 22

(E) 20

6)  $7 + 12$  是多少？

[4.5%]

What is  $7 + 12$  ?

(A) 9

(B) 17

(C) 18

(D) 19

(E) 20

7) 20 - 6 是多少? [4.5%]

What is  $20 - 6$ ?

Ⓐ 26

Ⓑ 13

Ⓒ 15

Ⓓ 4

Ⓔ 14

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8) 紅筆有 22 支，藍筆有 7 支，紅筆比藍筆多幾支? [4.5%]

There are 22 red pens and 7 blue pens. How many more red pens than blue pens are there?

Ⓐ 29

Ⓑ 15

Ⓒ 30

Ⓓ 14

Ⓔ 22

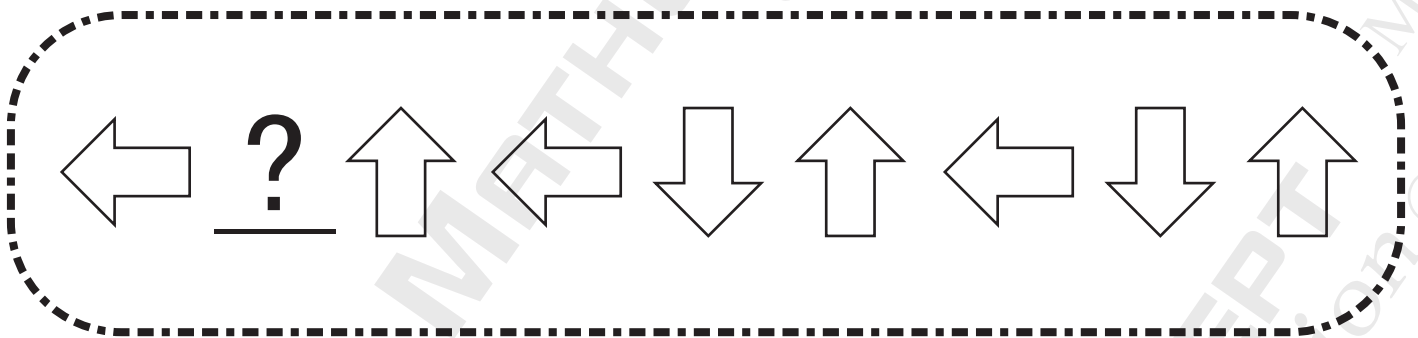
- 9) 波比有 5 個蘋果、2 個啤梨和 7 支鉛筆。他共有 [4.5%]  
水果多少個?

Bobby has 5 apples, 2 pears and 7 pencils.  
How many fruits does he have?

- (A) 7                      (B) 14                      (C) 12  
(D) 9                      (E) 8

- 10) 根據規律，找出缺掉的圖案。 [4.5%]

Find the missing shape.

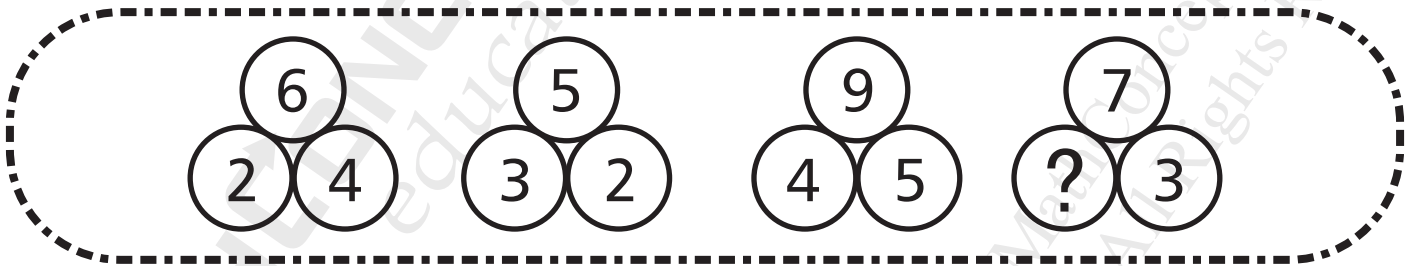


- (A)                      (B)                      (C)   
(D)                      (E)

11) 根據規律，找出缺掉的數字。

[5%]

Find the missing number.



(A) 3

(B) 4

(C) 5

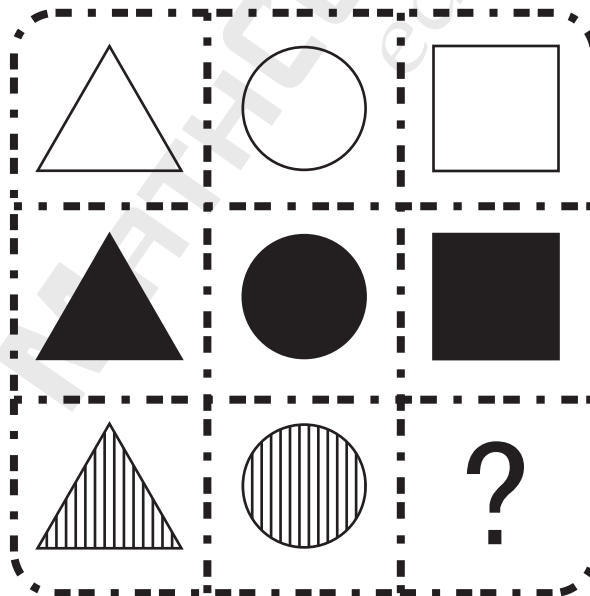
(D) 6

(E) 7

12) 找出缺掉的圖案。

[5%]

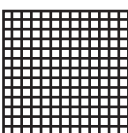
Find the missing shape.



(A) 

(B) 

(C) 

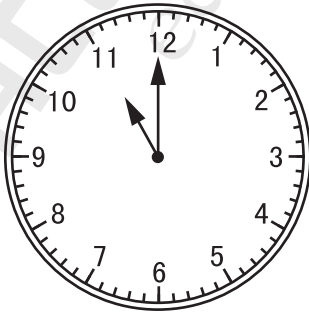
(D) 

(E) 

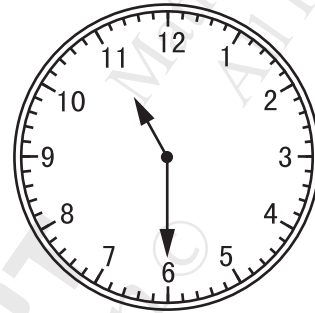
13) 以下哪一個鐘面顯示的時間是「11時半」？ [5%]

Which of the following clocks is showing the time "half past 11"?

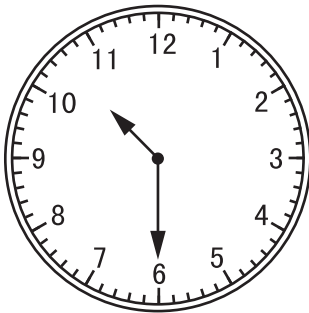
(A)



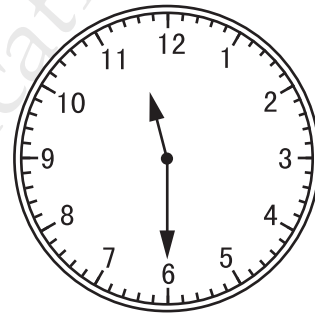
(B)



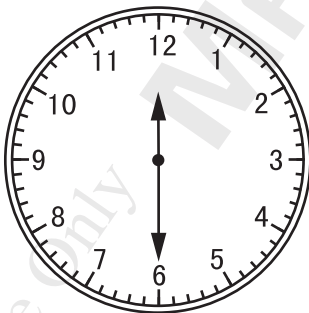
(C)



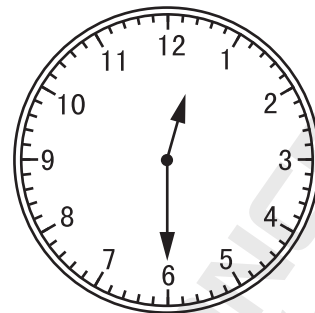
(D)



(E)



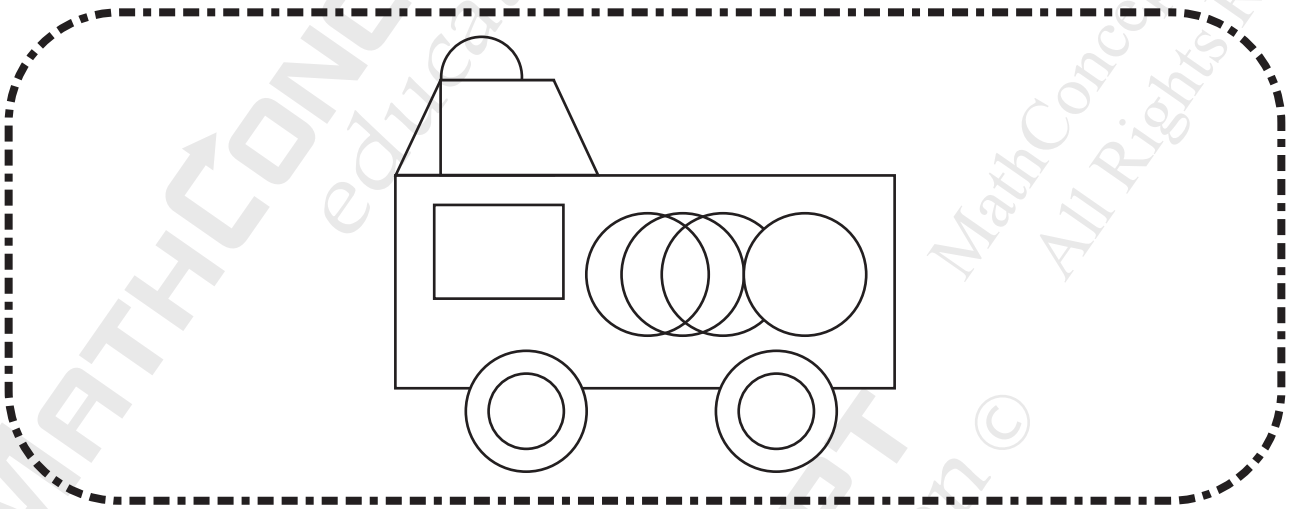
(F)





14) 數出圖中圓形的數目。 [5%]

Count the number of circles in the picture.



(A) 8

(B) 10


(C) 6

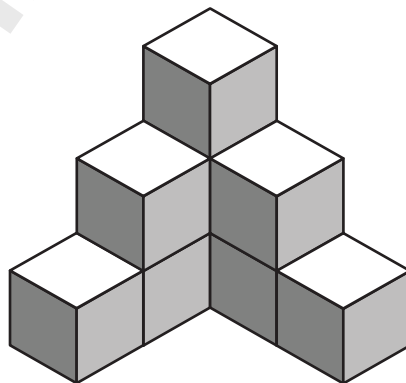
(D) 7

(E) 5

15) 要砌出以下立體需要多少粒  ?

[5%]

How many  should be used to build the solid below?



(A) 8

(B) 7

(C) 9

(D) 6

(E) 13

16) 今天是星期一，6 天前是星期幾？ [6.3%]

Today is Monday. Which day of the week was it 6 days ago?

(A) 星期一  
Monday

(B) 星期二  
Tuesday

(C) 星期三  
Wednesday

(D) 星期五  
Friday

(E) 星期六  
Saturday

(F) 星期日  
Sunday

17) 問號方格內應該填上甚麼數字？ [6.4%]

Which number should be put in the question mark box?

		3	4	5		
	11	2	1	6		
	10	9	8	7		
?						

(A) 49

(B) 26

(C) 50

(D) 48

(E) 17

(F) 7

- 18) 小明把 1 至 50 各個數字寫在黑板上。他共寫出了多少個「2」字？ [6.5%]

Tom wrote the numbers from 1 to 50 on the chalkboard. How many "2"s did he write on the board?

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

- 19) [6.6%]

$$\text{apple} + \text{apple} = 18$$

$$\text{orange} + \text{orange} = 12$$

$$\text{apple} + \text{orange} = ?$$

- (A) 9                      (B) 6                      (C) 18  
(D) 12                      (E) 14                      (F) 15

- 20) 小明 3 歲的時候，媽媽是 24 歲。當媽媽 30 歲時，小明和媽媽合共多少歲？ [6.7%]

When Peter was 3 years old, his mom was 24 years old. When his mom is 30 years old, what will be the total age of Peter and his mom?

(A) 27

(B) 21

(C) 9

(D) 57

(E) 32

(F) 33

(G) 39

(H) 10

(I) 8

End of paper  
全卷完

# K3

1. C

2. D

3. D

4. C

5. E

6. D

7. E

8. B

9. A

10. A

11. B

12. E

13. D

14. D

15. C

16. B

17. A

18. B

19. F

20. G