



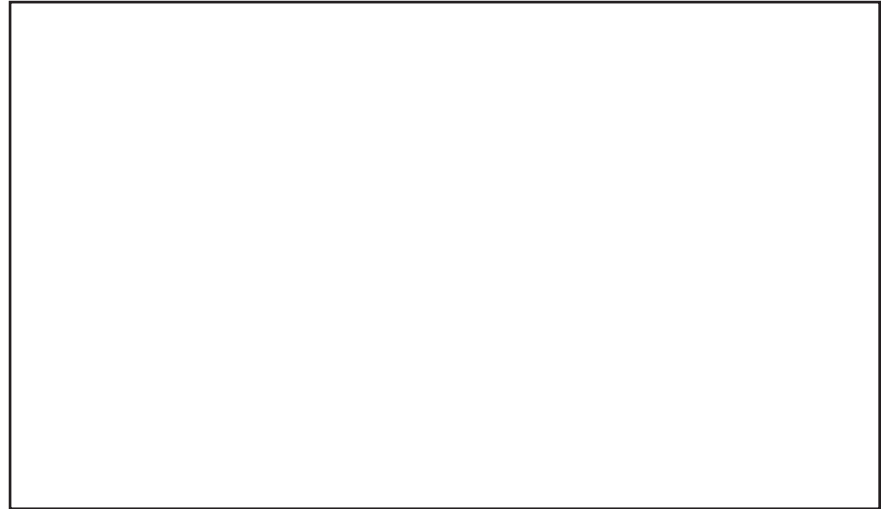
Math Conceptition

2019

K3

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.**

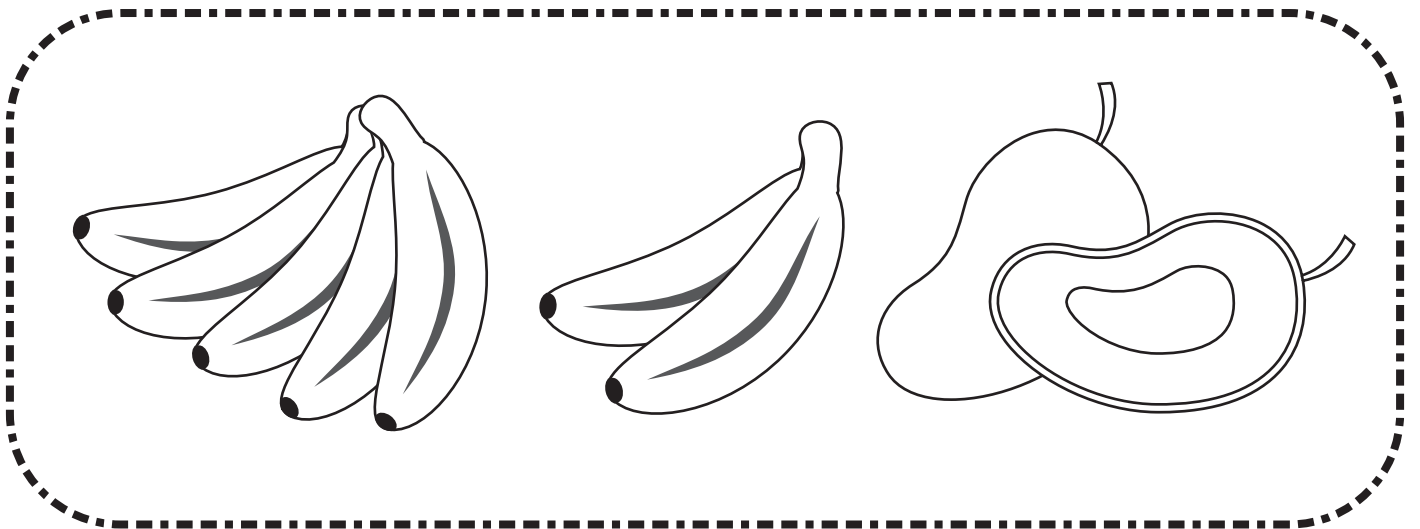
1) $4 + 5$ 是多少? [3.8%]

What is $4 + 5$?

- (A) 4 (B) 5 (C) 7
(D) 8 (E) 9

2) 數一數香蕉的數目。 [3.9%]

Count the number of bananas.



- (A) 6 (B) 7 (C) 8
(D) 5 (E) 2

3) 15 - 9 是多少?

[4%]

What is 15 - 9 ?

(A) 10

(B) 5

(C) 4

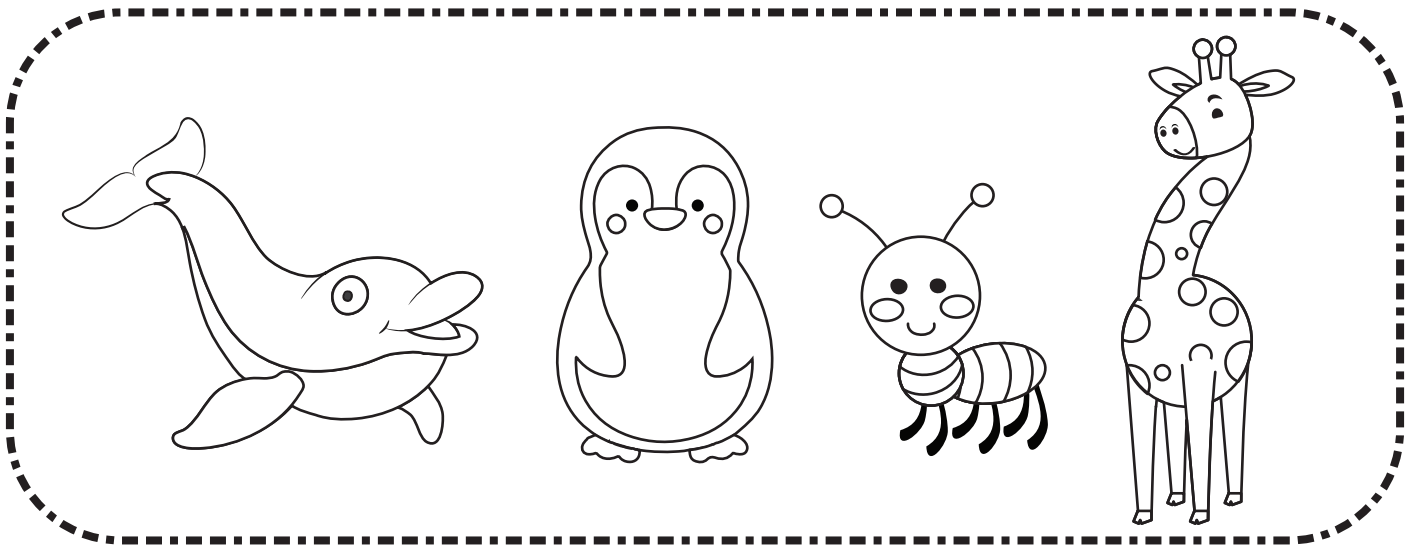
(D) 6

(E) 24

4) 以下動物共有多少隻腳?

[4.1%]

Count the number of legs.



(A) 10

(B) 11

(C) 12

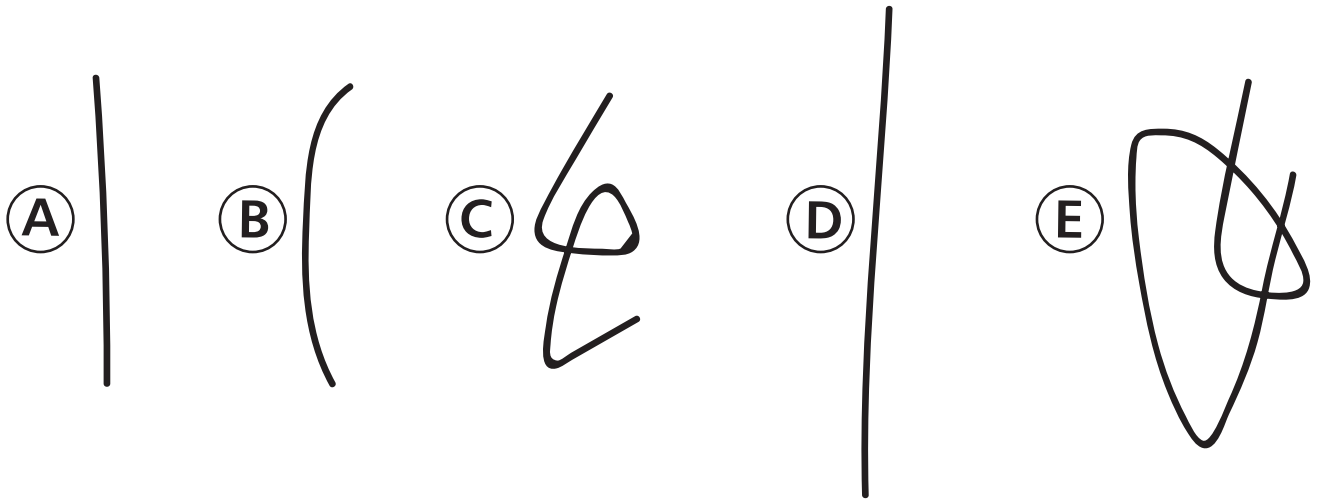
(D) 13

(E) 14

5) 哪一條線最短?

[4.2%]

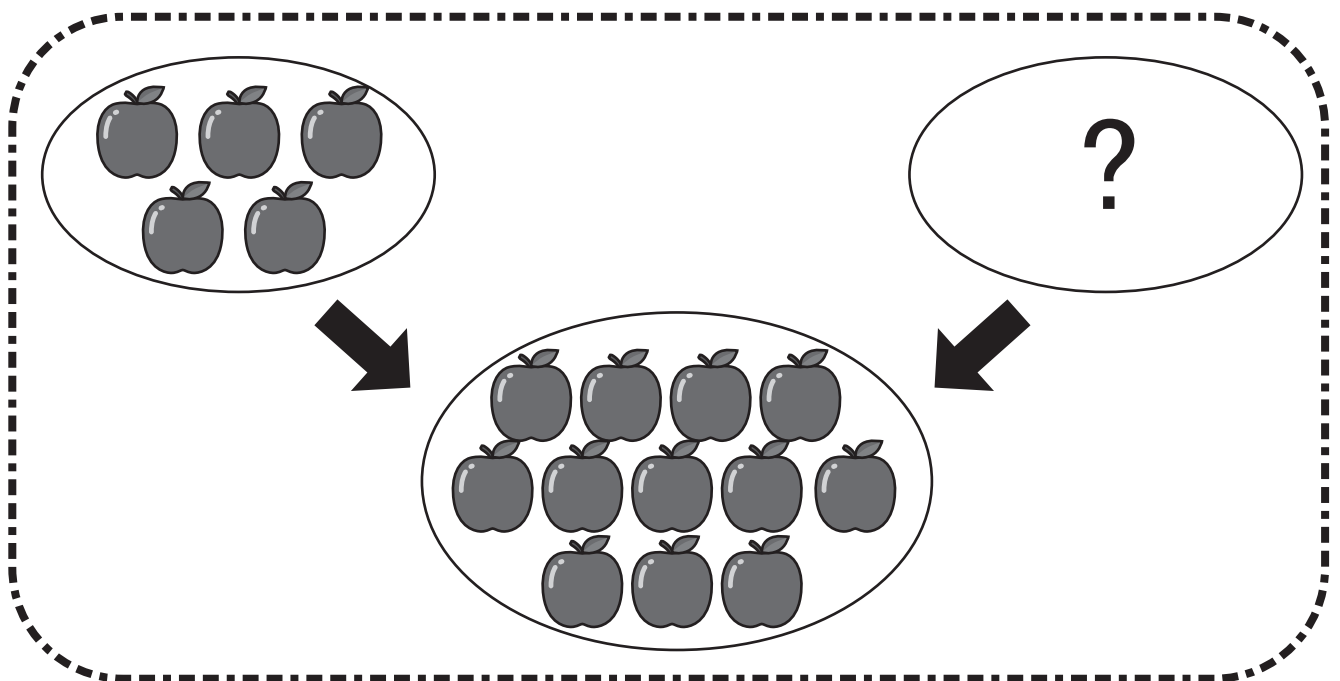
Which line is the shortest?



6) 右邊有多少個蘋果?

[4.3%]

How many apples are there on the right?



(A) 5

(B) 6

(C) 7

(D) 8

(E) 12

7) 根據規律，找出橫線上的數字。

[4.4%]

Find the missing number.

1, 2, 2, 3, 3, _____, 4, 4, 4, 4, ...

(A) 3

(B) 4

(C) 5

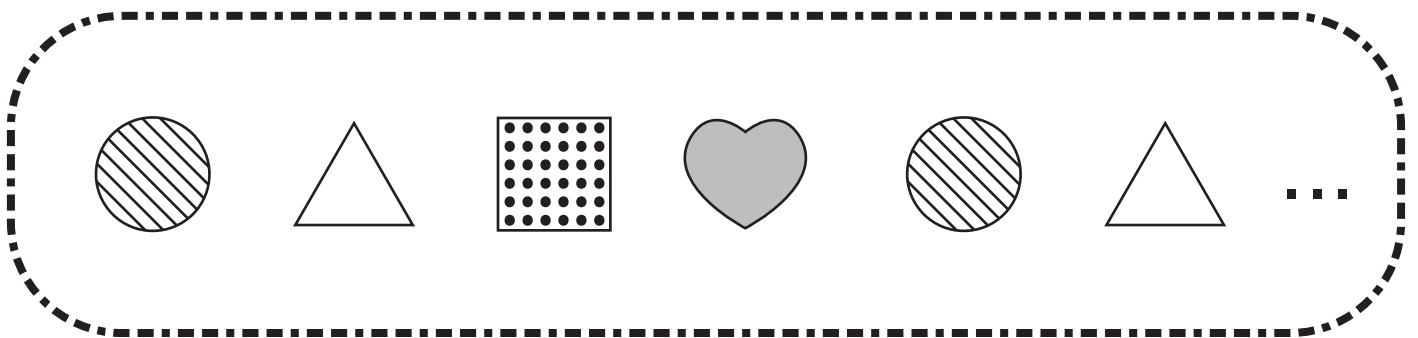
(D) 6

(E) 7

8) 第十個圖形是甚麼？


[4.5%]

What is the 10th shape?



(A) 

(B) 

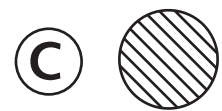
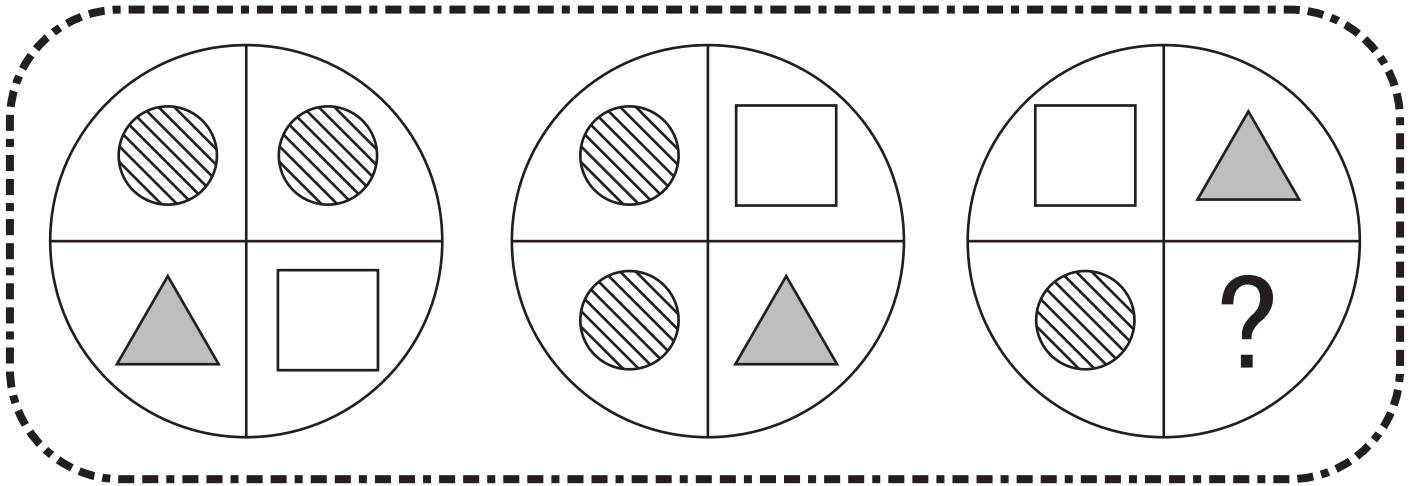
(C) 

(D) 

9) 根據規律，找出缺掉的圖案。

[4.6%]

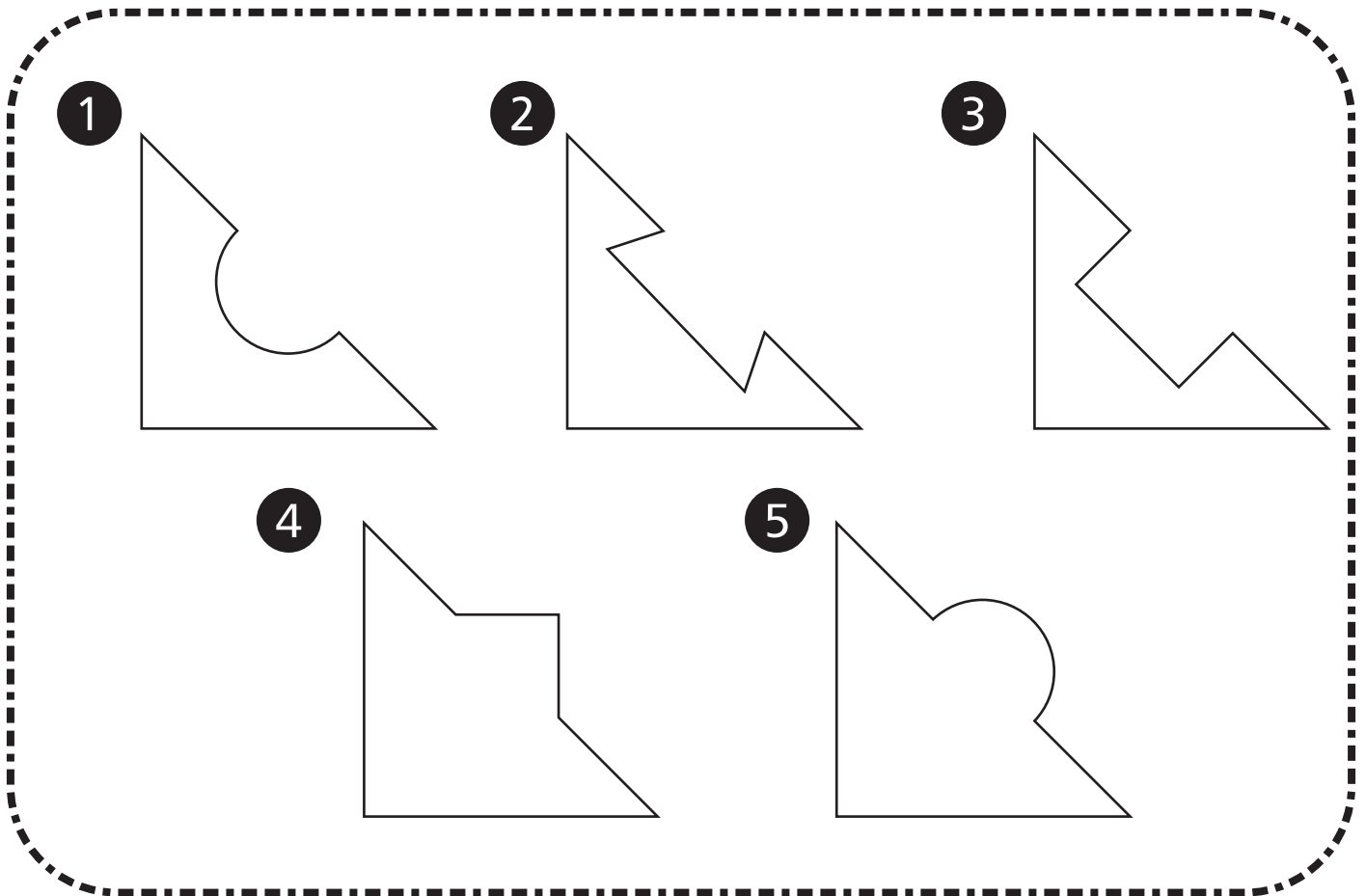
Find the missing shape.



10) 哪兩個圖形可以合成一個正方形?

[4.7%]

Which two shapes can be combined as a square?



(A) 1 2

(B) 3 4

(C) 2 5

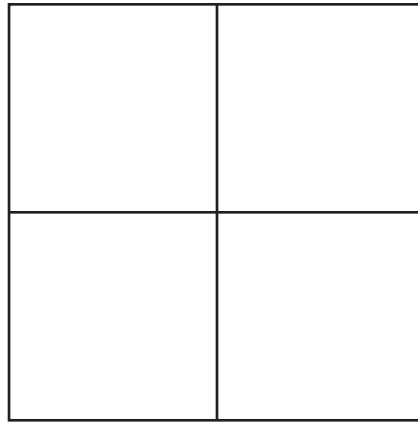
(D) 2 4

(E) 1 5

11) 數出圖中正方形的數目。

[4.8%]

Count the number of squares in the picture.



(A) 4

(B) 5


(C) 6

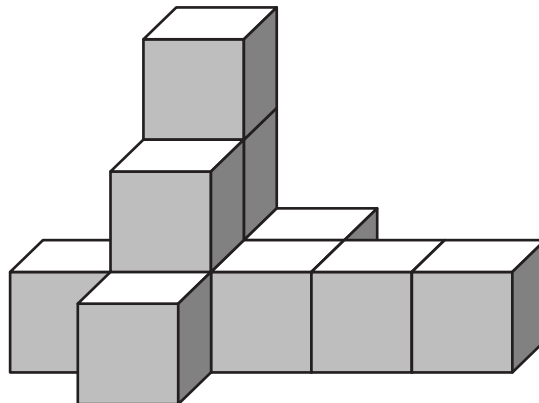
(D) 7

(E) 8

12) 要砌出以下立體需要多少粒  ?

[4.9%]

How many  should be used to build the solid below?



(A) 10

(B) 11

(C) 12

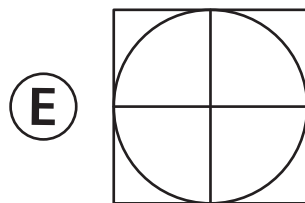
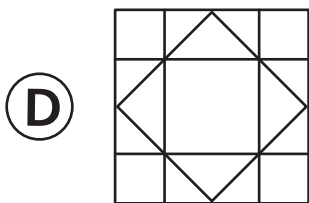
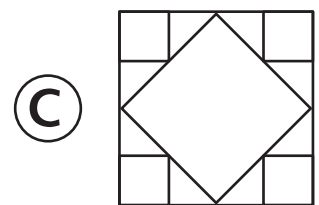
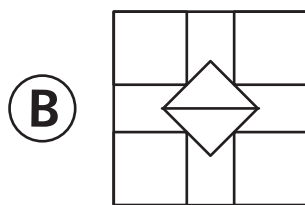
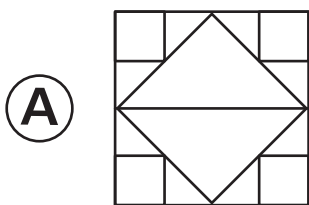
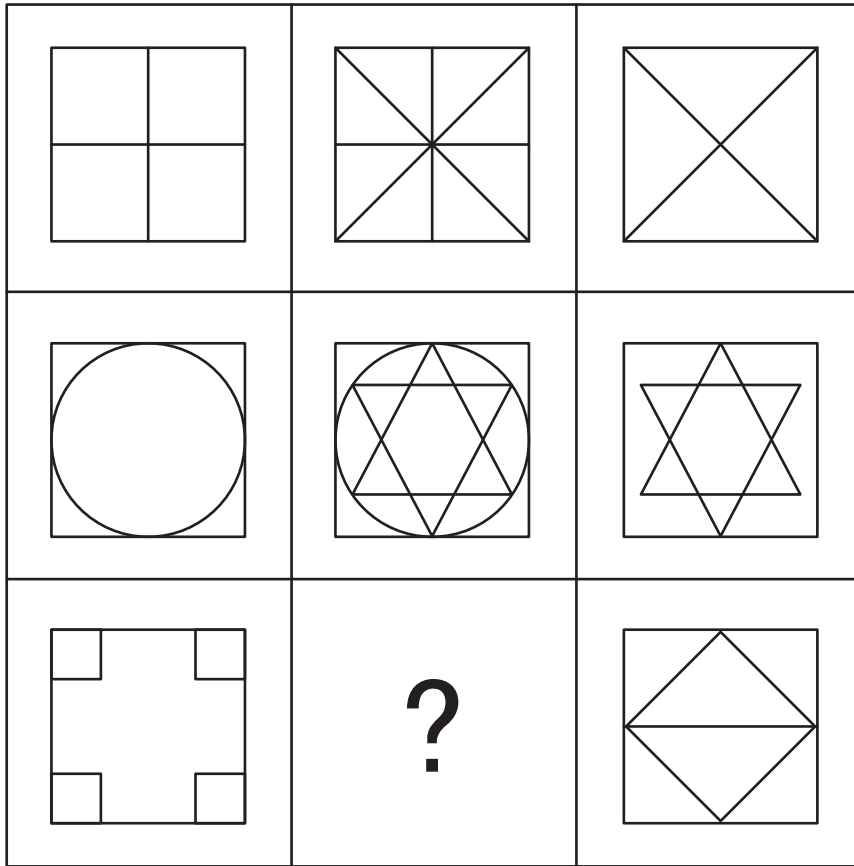
(D) 13

(E) 14

13) 找出缺掉的圖案。

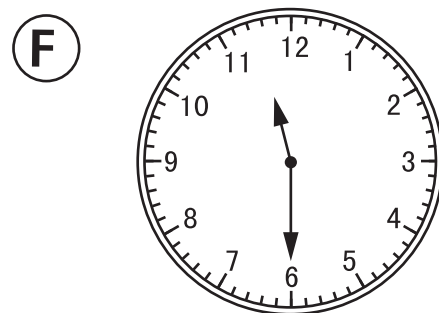
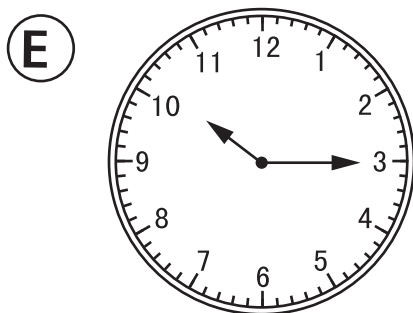
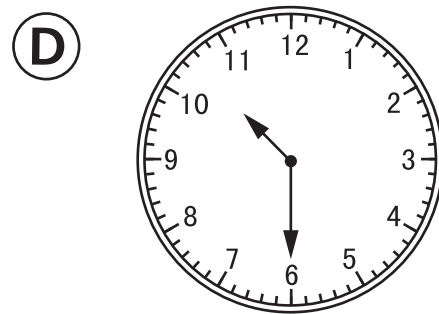
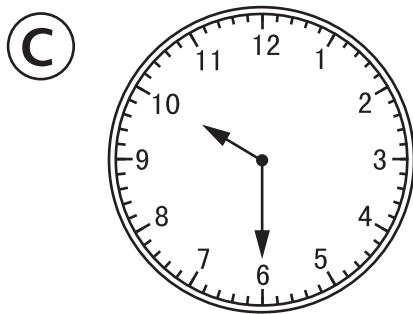
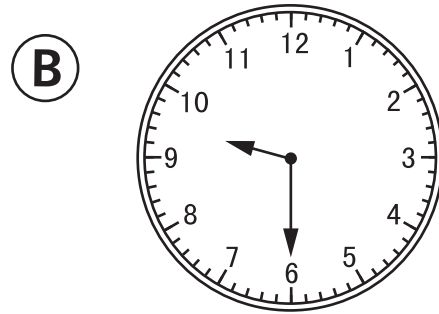
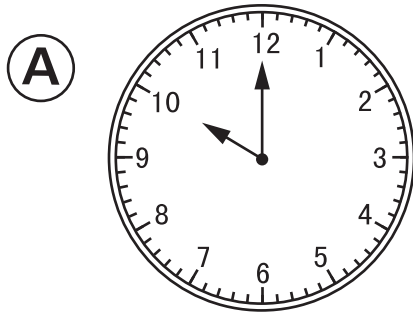
[5%]

Find the missing shape.



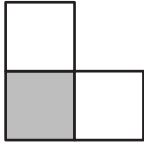
14) 以下哪一個鐘面顯示的時間是「10時半」？ [5.1%]

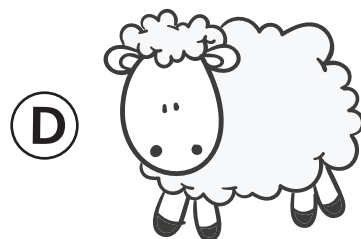
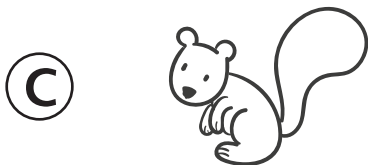
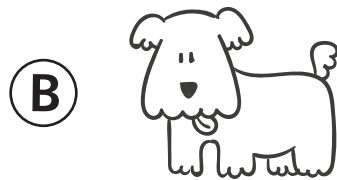
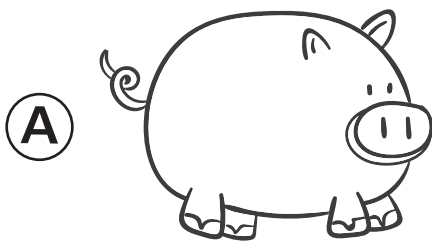
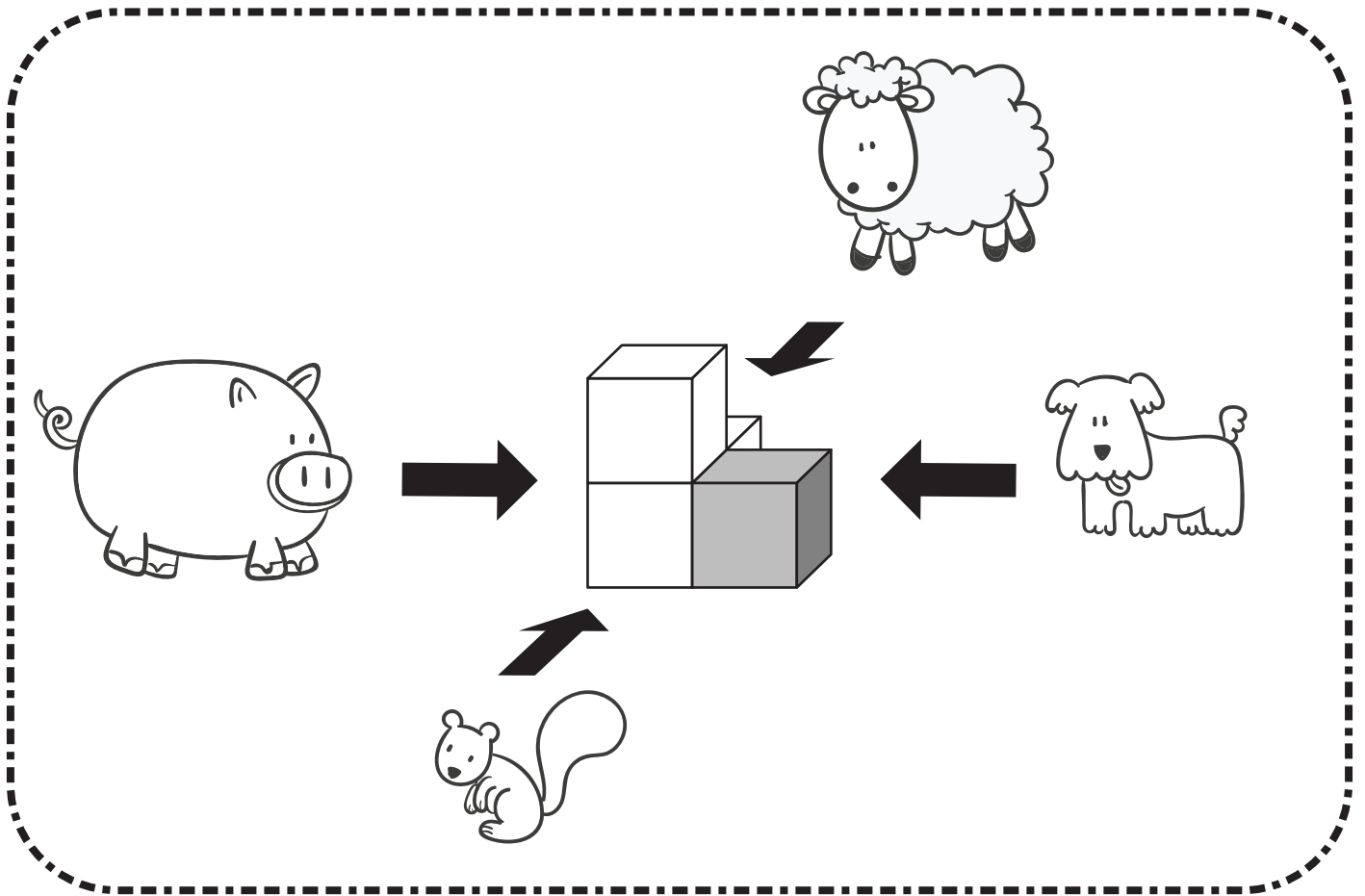
Which of the following is showing the time "half past 10"?



15) 哪一隻動物看到  ?

[5.2%]

Which animal sees the view  ?



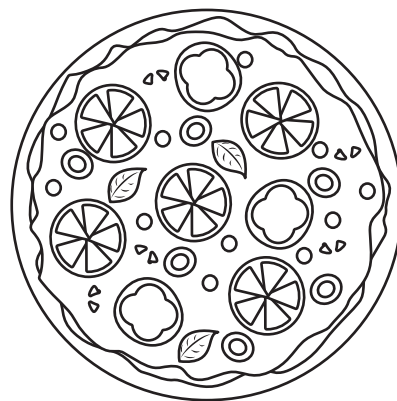
- 16) 小明在排隊買雪糕，共有 12 人排隊。已知有 6 個人排在他後面，問有多少人在他前面？ [6.3%]

Bobby is lining up to buy an ice cream. There are 12 people in the queue, and 6 people behind Bobby. How many people are in front of Bobby?

- (A) 5 (B) 6 (C) 7
(D) 8 (E) 9
-

- 17) 把一個薄餅切四刀，使每一片的形狀和大小都相同，最多可以切成多少片？ [6.4%]

A pizza is cut four times such that the size and shape of every slice is the same. At most how many slices can be cut?



- (A) 4 (B) 5 (C) 6
(D) 7 (E) 8

- 18) 小明把 1 至 40 各個數字寫在一張紙上。他共寫出了多少個「1」字？ [6.5%]

Peter wrote the numbers from 1 to 40 on a piece of paper. How many "1"s did he write on the paper?

- (A) 1 (B) 4 (C) 5
(D) 10 (E) 13 (F) 14
-

- 19) 小明有 5 個蘋果，小強給了他 4 個蘋果後，兩人的蘋果數量便會一樣。問小強原有多少個蘋果？ [6.6%]

Peter has 5 apples. If Tom gives him 4 apples, they will have the same number of apples. How many apples does Tom have?

- (A) 4 (B) 5 (C) 9
(D) 10 (E) 13 (F) 14

- 20) 小明和小強正在排隊。他們之間有 4 個人， [6.7%]
小明前面排了 6 個人，小強後面排了 5 個人。
問最少有多少人在排隊？

Sam and Jason are lining up. There are 4 people between them. There are 6 people in front of Sam and 5 people behind Jason. At least how many people are there in the queue?

- | | | |
|------|------|------|
| Ⓐ 10 | Ⓑ 11 | Ⓒ 15 |
| Ⓓ 9 | Ⓔ 8 | Ⓕ 17 |
| Ⓖ 7 | Ⓗ 3 | Ⓖ 6 |

全卷完
End of paper

MathConceptition 2019

K3

1. E

2. B

3. D

4. C

5. A

6. C

7. A

8. B

9. C

10. E

11. B

12. B

13. A

14. D

15. B

16. A

17. E

18. F

19. E

20. G