



Junior Maths Mastery Challenge 2025

Paper K

Student Name: _____

Student No.: _____

DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED.

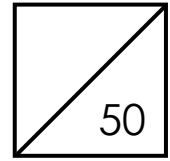
Read the instructions on the **answer sheet** and fill in your **name, school** and **other information**.

Record your answers in your **answer sheet**.

You have **45 minutes** to answer all 15 questions.

Junior Maths Mastery Challenge (2025)

Paper K



Section A (30 marks)

Questions 1 to 10 carry 3 marks each.

1. There were 7 ducks.
2 ducks flew away.
5 more ducks came.
How many ducks are there now?



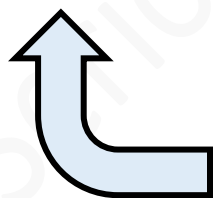
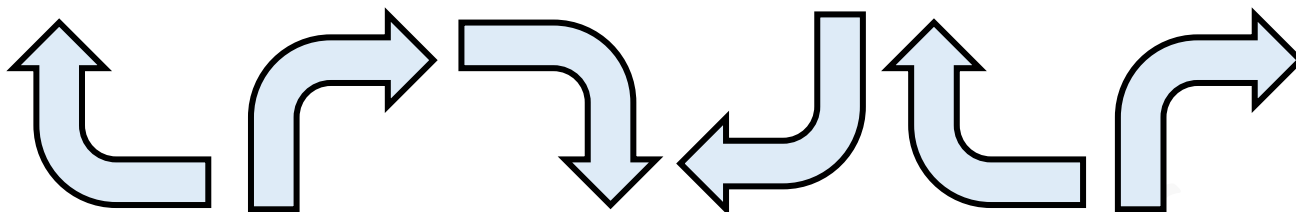
[Duck Vectors by Vecteezy](https://www.vecteezy.com/free-vector/duck)

(A) 4

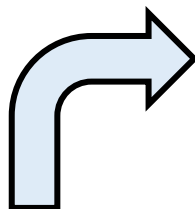
(B) 10

(C) 14

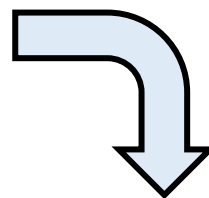
2. What shape comes next?



(A)

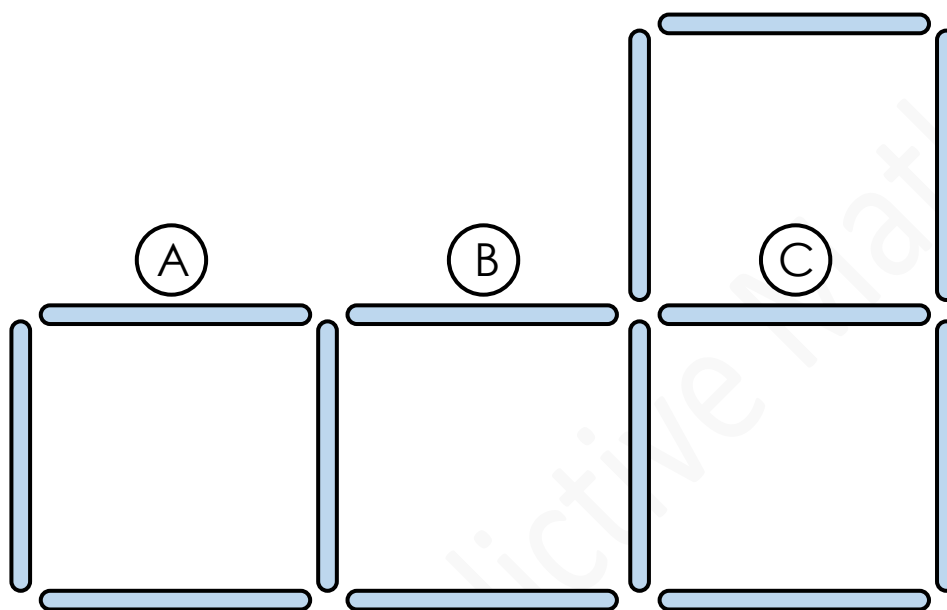


(B)



(C)

3. Some sticks are used to make 4 squares.
Which stick should we take away to have 2 squares left?

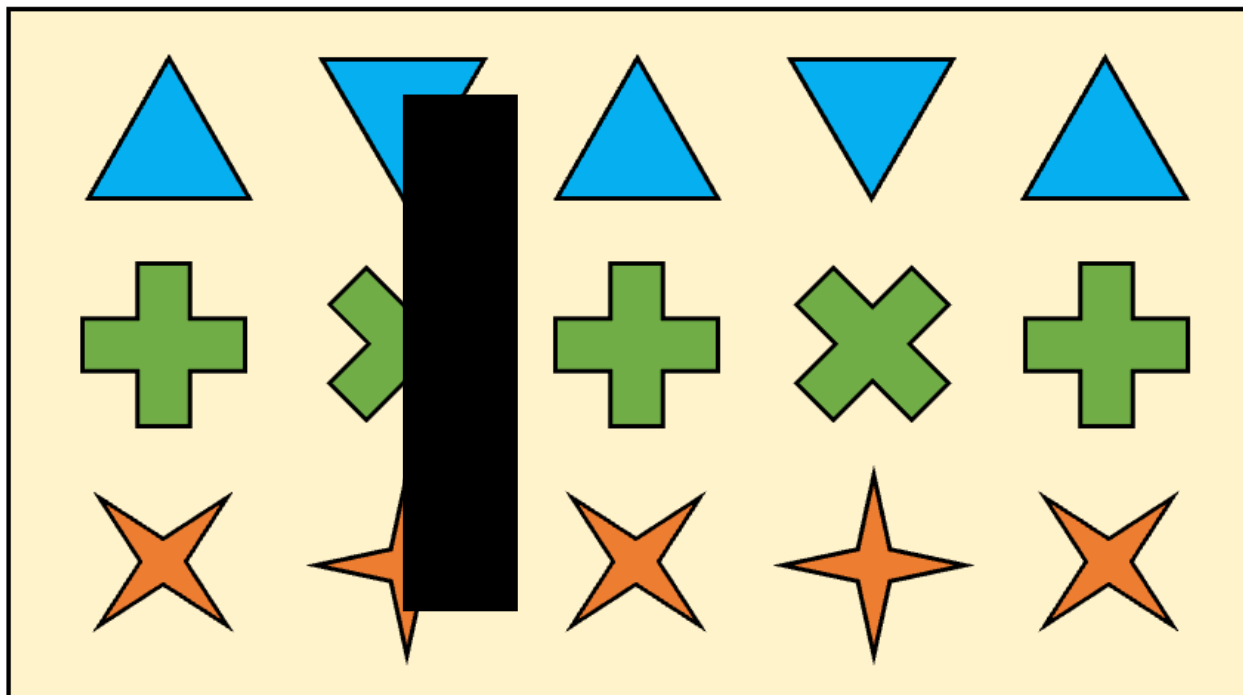


(A) A

(B) B

(C) C

4. What is the missing piece?



(A)

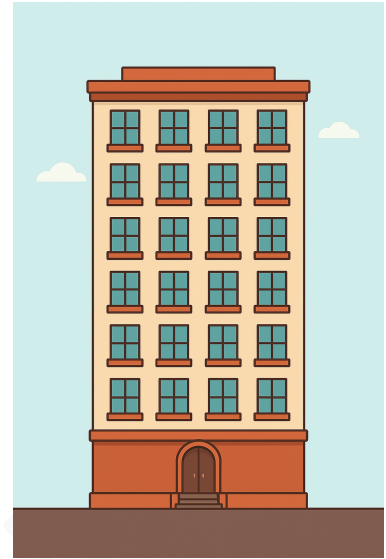


(B)



(C)

5. Jay lives 2 floors below Ken.
Jay lives on the 4th floor.
Which floor does Ken live on?

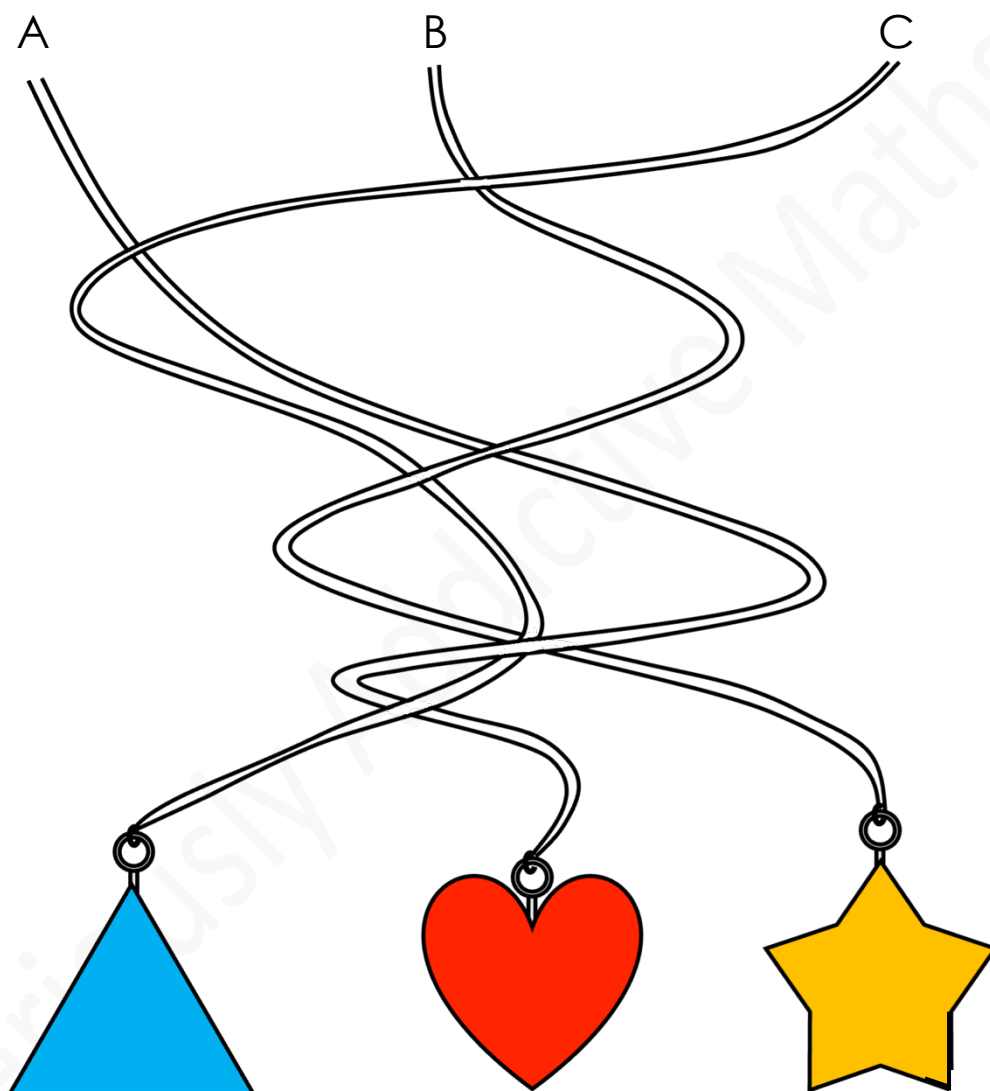


(A) 2nd

(B) 5th

(C) 6th

6. Each string is connected to a shape.
Alice wants the heart shape.
Which string should she pick?

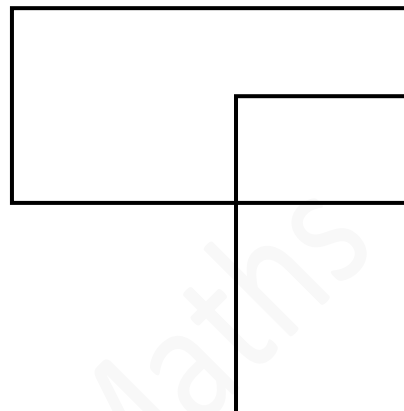


(A) A

(B) B

(C) C

7. How many rectangles are there?

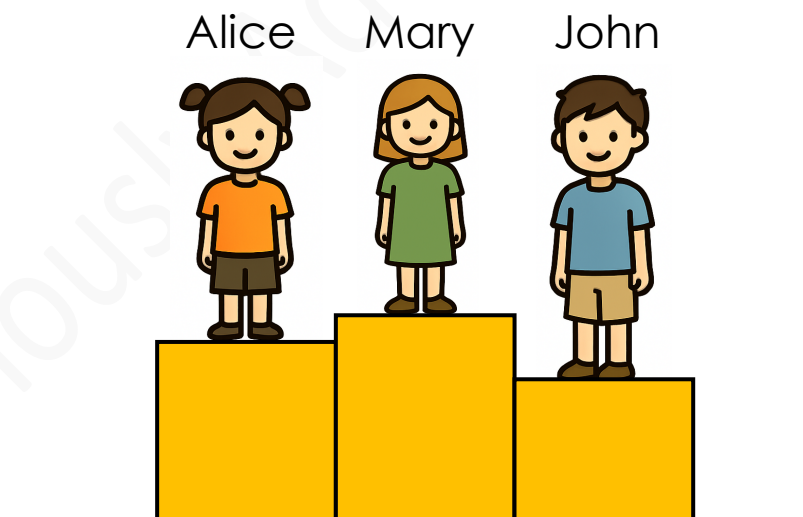


(A) 3

(B) 4

(C) 5

8. Who is the tallest?

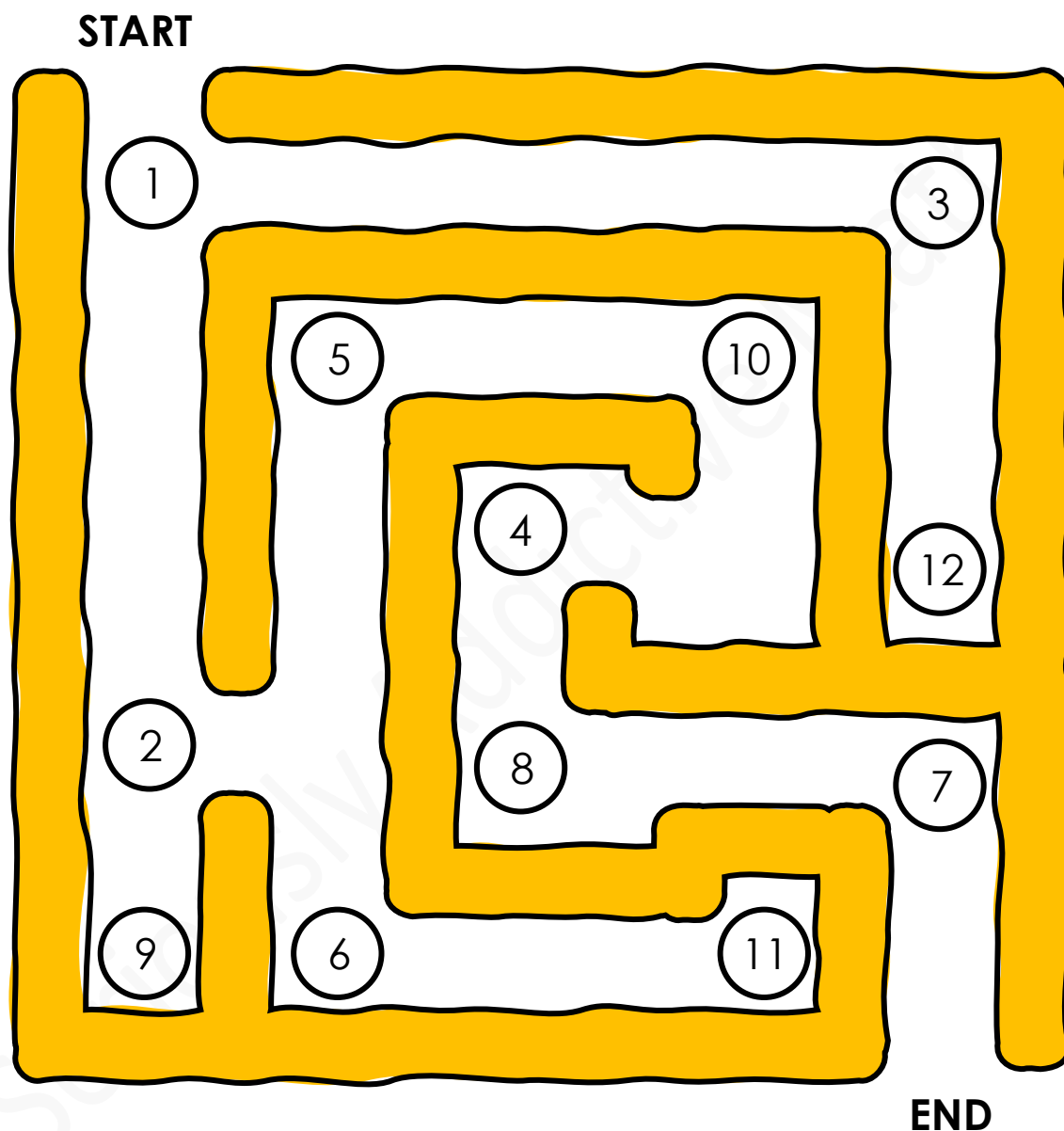


(A) Alice

(B) Mary

(C) John

9. Find the shortest way from start to end.
Add up the numbers you pass.
What number do you get?

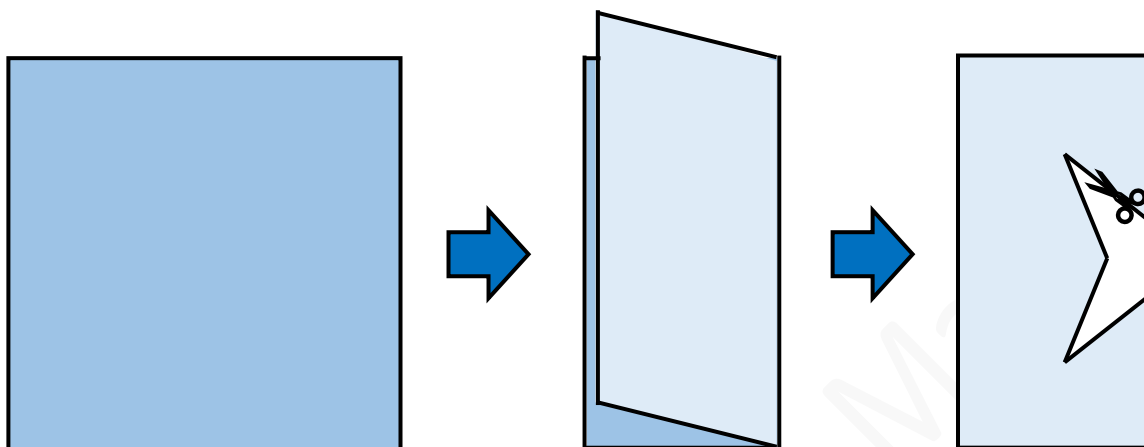


(A) 35

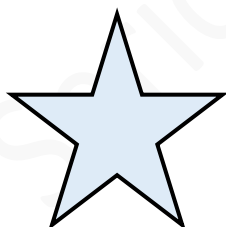
(B) 36

(C) 37

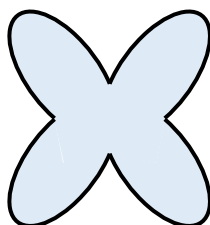
10. A piece of paper is folded and cut as shown below.



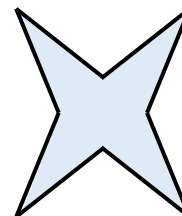
Which shape is cut out from the paper?



(A)



(B)



(C)

Section B (20 marks)

Questions 11 to 15 carry 4 marks each.

11. What is the missing block?

1	9	5	2	3
7	3	5	3	2
3	?	1	2	1
3		3	4	1
4	2	4	4	8

4
6

(A)

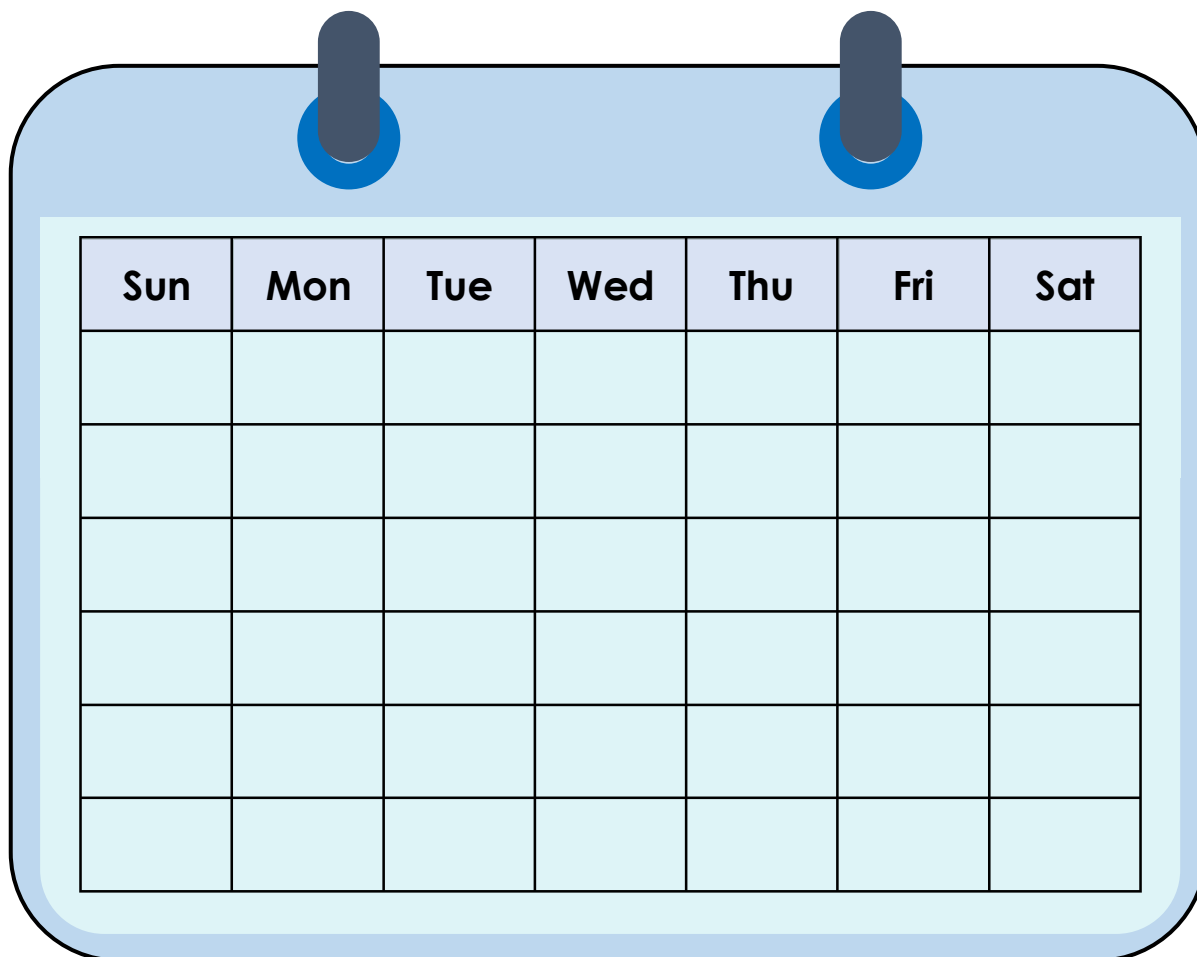
5
9

(B)

8
8

(C)

12. It is a Monday on 3 October.
What day is it on 23 October?



Sun	Mon	Tue	Wed	Thu	Fri	Sat

- (A) Sunday (B) Monday (C) Saturday

13. What is the missing number?

C	A	B
3	1	2

F	E	E
6	5	5

D	A	D
4	1	4

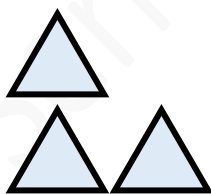
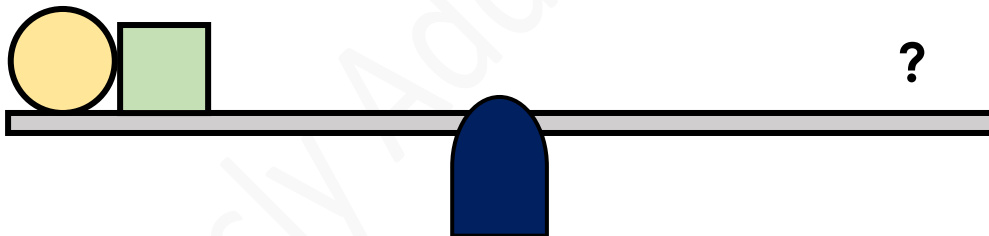
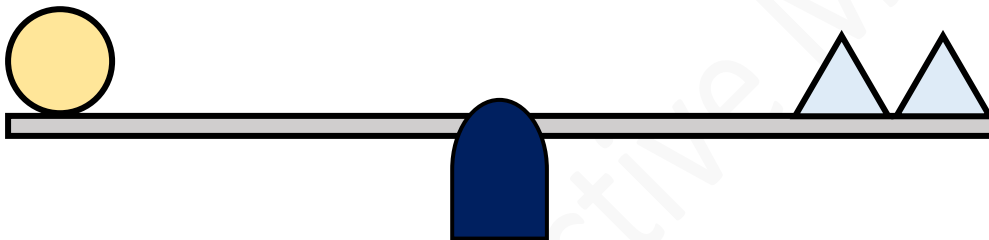
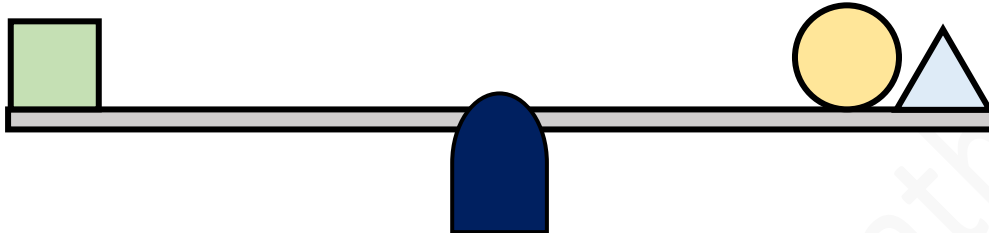
B	I	G
?		

(A) 279

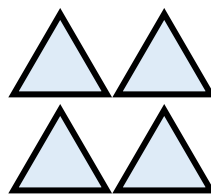
(B) 297

(C) 729

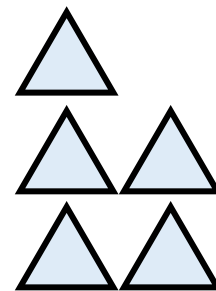
14. How many  can balance the scale?



(A)

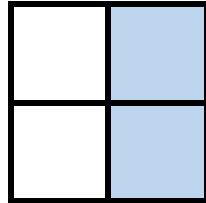


(B)

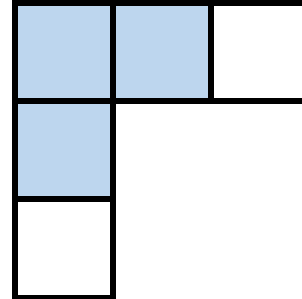


(C)

15. There are two shapes, X and Y.

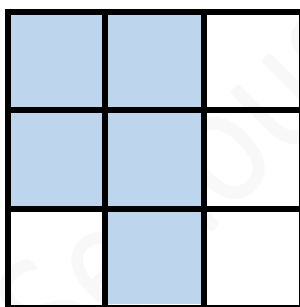


X

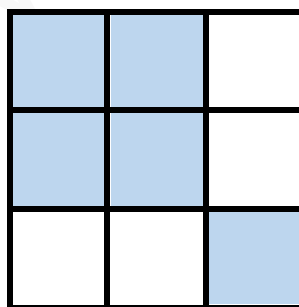


Y

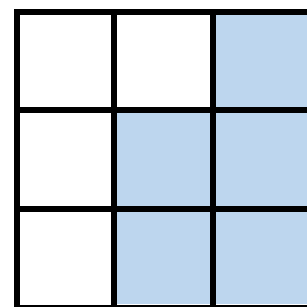
Which shape below can be made by putting together Shape X and Shape Y?



(A)



(B)



(C)

END OF PAPER

Seriously Addictive Maths

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