

# Canguro Matemático Costarricense



## PreEcolier Test First grade

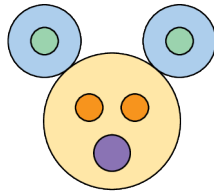
“Welcome to the incredible world of mathematics”

Name of the student: \_\_\_\_\_

Name of the institution: \_\_\_\_\_

3 points

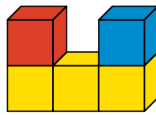
1.



How many circles are there in the figure?

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

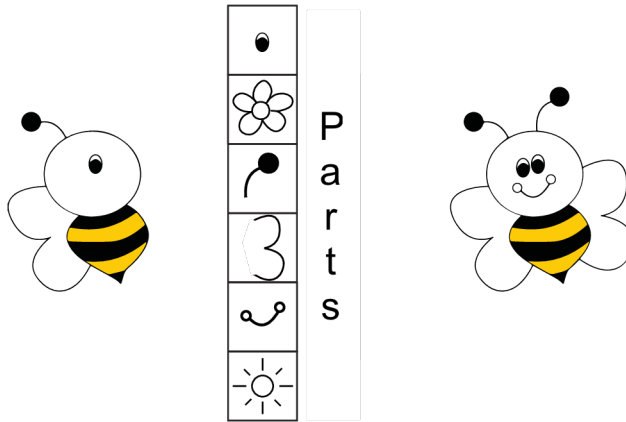
2. The picture shows 5 cubes viewed from the front



What is the view from above?

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

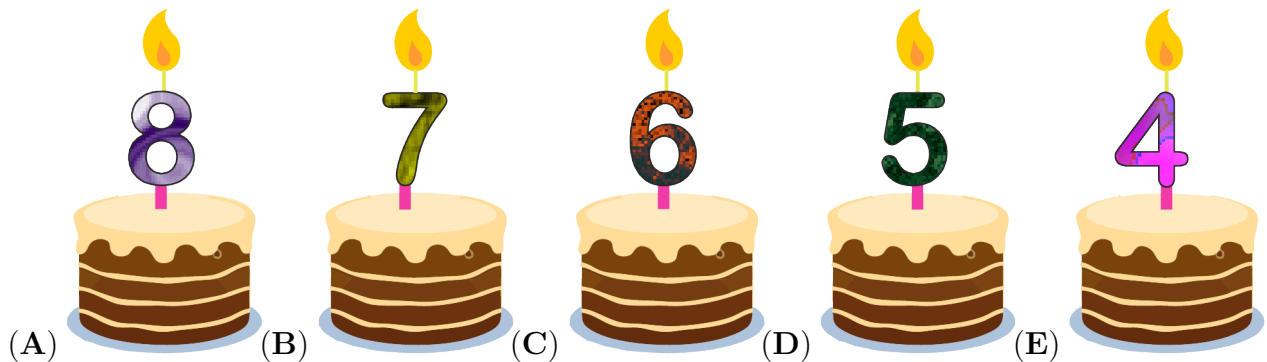
3. Raha wants to complete the bee on the left equal to the bee on the right.



How many parts does Raha need to complete the bee?

- (A) 1                      (B) 2                      (C) 3                      (D) 4                      (E) 5

4. Five children have the same birthday and each one has their own cake. Victor is the youngest and Sara is 2 years older than Victor. What is Sara's cake?



4 points

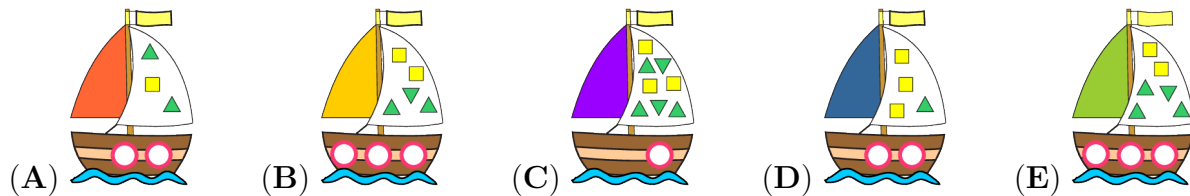
5. Today is grandpa’s birthday. Each grandson placed a black candle on his cake and each granddaughter placed a white candle.



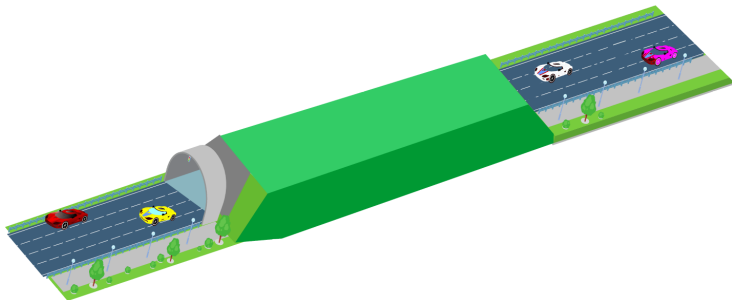
How many more grandsons than granddaughters does grandfather have?

- (A) 1                      (B) 2                      (C) 3                      (D) 4                      (E) 5

6. My ship has 3 circles, 4 triangles, and 2 squares. Which one is my boat?



7. Pablo puts 6 toy cars on this race track. How many cars are in the tunnel?



- (A) 1                      (B) 2                      (C) 3                      (D) 4                      (E) 5

8. The two tokens with the question mark represent the same number.

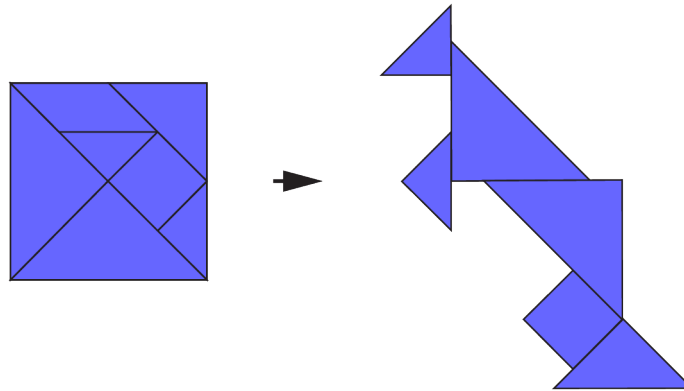
$$\textcircled{10} + \textcircled{?} + \textcircled{?} + \textcircled{2} = 14$$

What number do those tokens have so that the sum is 14?

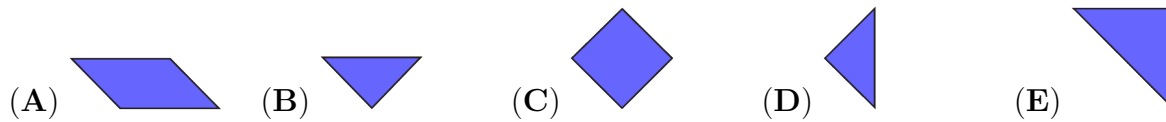
- (A) 1                      (B) 2                      (C) 3                      (D) 4                      (E) 5

5 points

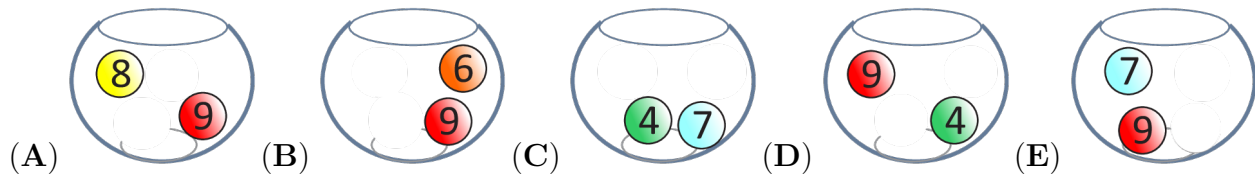
9. Mr. Beaver uses some of the square puzzle pieces to make a figure in the shape of a kangaroo.



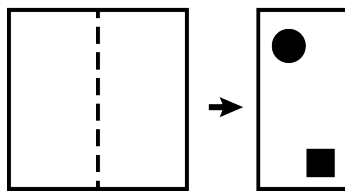
Which piece is left over?



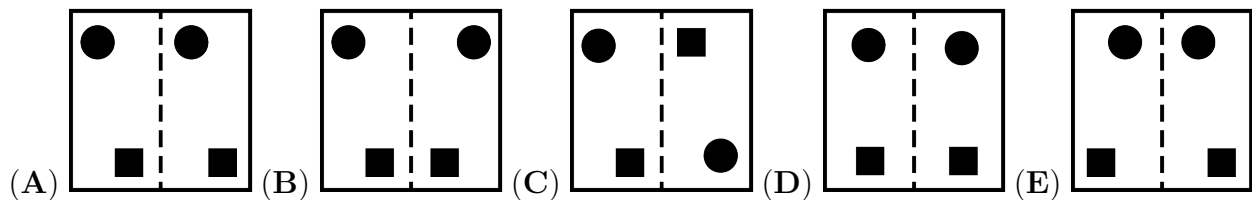
10. In each container there are two numbered balls. If you add the numbers of the balls in each container, in which of them is the sum greater?



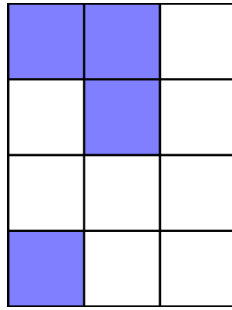
11. A sheet of paper is folded in half. Square and round holes are punched.



How does the sheet look after it is unfolded again?



12. There are 12 squares in the picture.



Suchit has coloured some of the squares. How many more squares need to be coloured so that half of the squares are coloured?

(A) 1

(B) 2

(C) 3

(D) 4

(E) 5