

Canguro Matemático Costarricense



PreEcolier Test
First grade

Name of the student:_____

Name of the institution:_____

Kangourou Sans Frontières
Costa Rica 2025

3 puntos

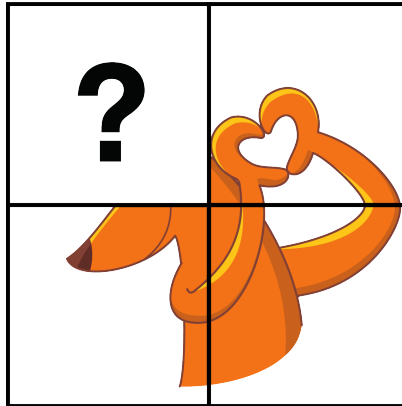
1. Pablo has 6 balloons. He gives away 2 of the balloons.



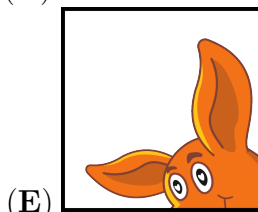
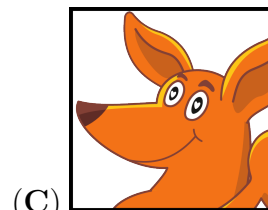
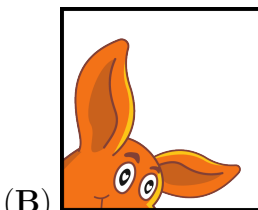
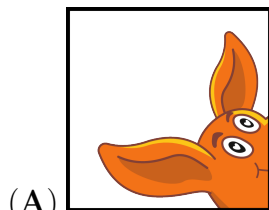
How many balloons will Pablo then have?

- (A) 2 (B) 3 (C) 4 (D) 5 (E) 6

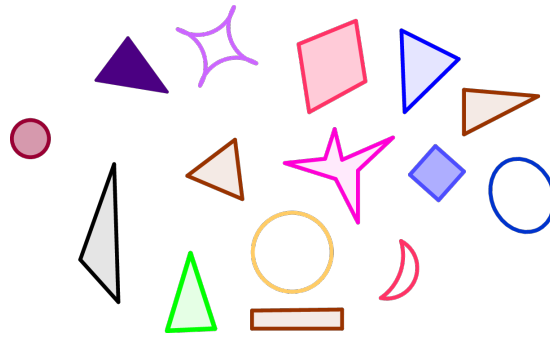
- 2.



Which of these puzzle pieces completes the picture?



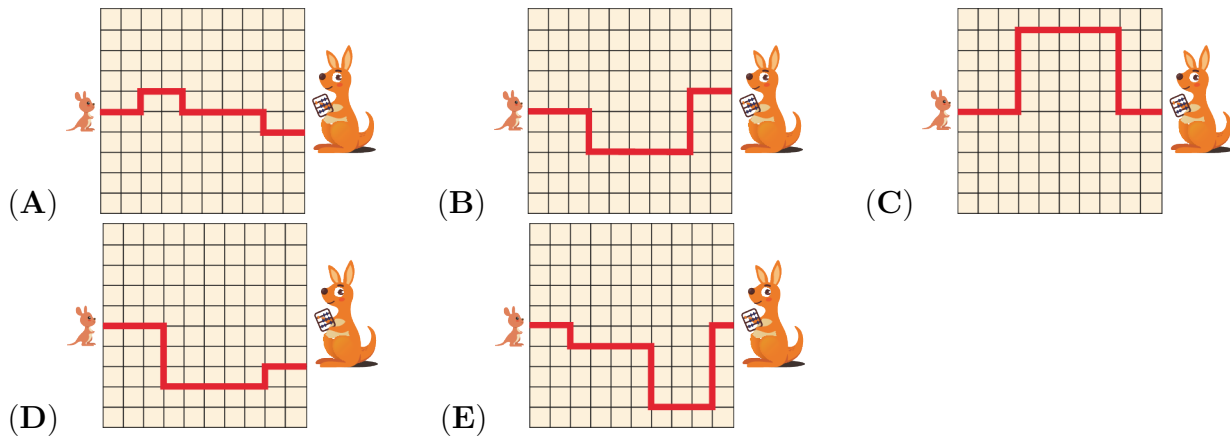
3.



How many of the shapes shown are triangles?

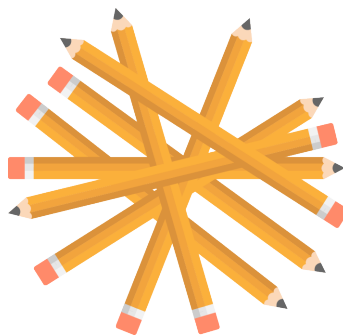
- (A) 2 (B) 3 (C) 4 (D) 5 (E) 6

4. 5 baby kangaroos are hopping to their mothers along the paths shown below. Which path is the shortest?



4 puntos

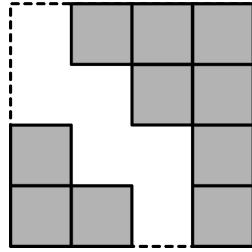
5.



How many pencils are shown in the picture?

- (A) 7 (B) 8 (C) 9 (D) 14 (E) 16

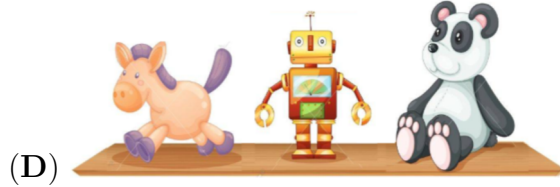
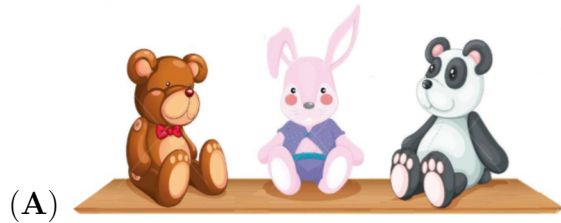
6. A large square is formed from 16 small squares of the same size. Then some of the small squares are removed.



How many small squares are missing?

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

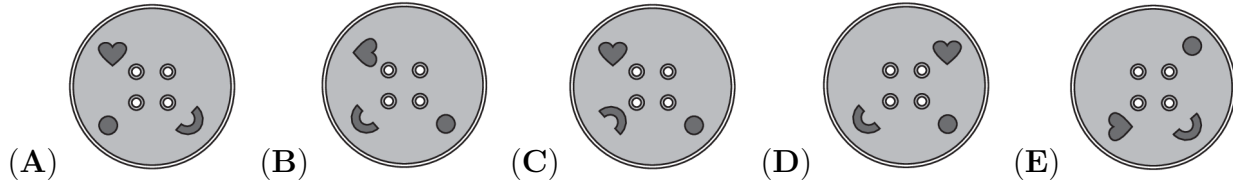
7. On Mateo's toy shelf, there are **no** turtles, **no** rabbits and **no** robots. Which of these shelves could be Mateo's shelf?



8. All the buttons on Carolina's sweater look like this:

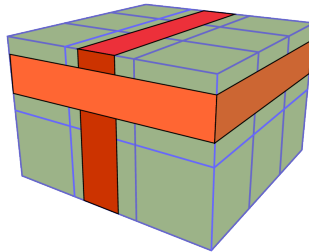


Which one of these buttons could be from her sweater?



5 puntos

9. Two rubber bands are placed around a stack of 18 cubes.



How many of the cubes are not touching a rubber band?

- (A) 6 (B) 8 (C) 9 (D) 10 (E) 12

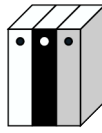
10.



Which of these keys fits the lock shown in the picture?

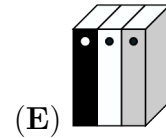
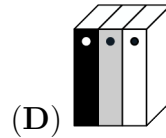
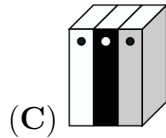
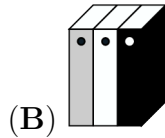
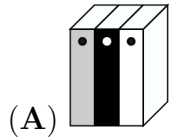


11. There were three books on Mary's shelf, as shown in the picture.

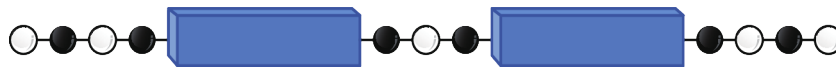


- First, Mary swapped the white book and the grey book.
- Then Mary swapped the grey book and the black book.

How are her books arranged now?



12. The beads on a string alternate between black and white.



Each block hides five beads. How many white beads are hidden in total?

- (A) 5 (B) 6 (C) 7 (D) 9 (E) 10