

# Canguro Matemático



## PreEcolier Test First grade

Name: \_\_\_\_\_

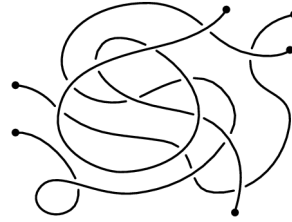
Institution: \_\_\_\_\_ Grade: \_\_\_\_\_

Kangourou Sans Frontières

Costa Rica 2016

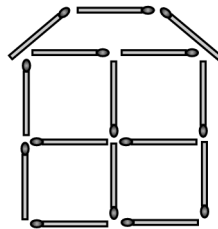
3 points

1. How many ropes are there in the picture?



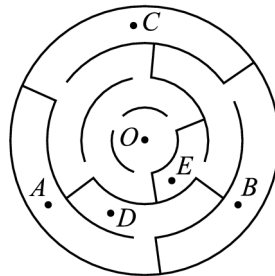
- (A) 2            (B) 3            (C) 4            (D) 5            (E) 6

2. Michael built a house with matches as in the picture. How many matches did he use?



- (A) 19            (B) 18            (C) 17            (D) 15            (E) 13

3. Which point of the labyrinth can we reach starting from the point  $O$ ?



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

4. Ten friends came to John's birthday party, six of them were girls. How many boys were there?

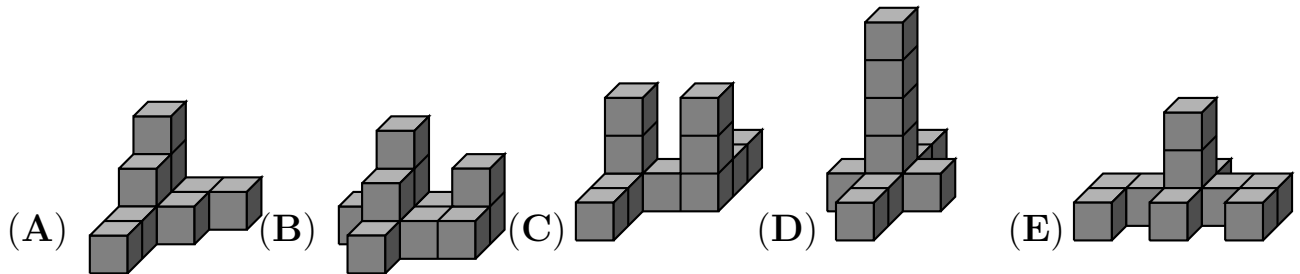
- (A) 4            (B) 5            (C) 6            (D) 7            (E) 8

4 points

5. Matt had to deliver flyers about recycling to all houses numbered from 25 to 29. How many houses got the flyers?

- (A) 3                      (B) 4                      (C) 5                      (D) 6                      (E) 7

6. Which shape can we make with 10 cubes?



7. Kanga is 1 year and 3 months old now. In how many months will Kanga be 2 years old?

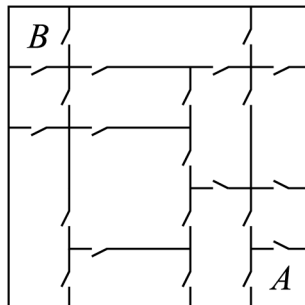
- (A) 3                      (B) 5                      (C) 7                      (D) 8                      (E) 9

8. Granny went out to the yard and called all the hens and her cat. All 20 legs ran to her. How many hens does granny have?

- (A) 11                      (B) 9                      (C) 8                      (D) 6                      (E) 4

5 points

9. In Baby Roo's house, each room is connected to any neighboring room by a door (see the Picture). Baby Roo wants to get from the room *A* to the room *B*. What is the least number of doors that he will need to go through?

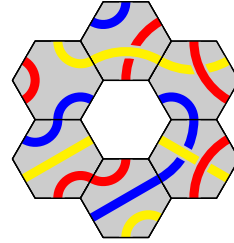


- (A) 3                      (B) 4                      (C) 5                      (D) 6                      (E) 7

10. The sum of John's and Paul's age is equal to 12. What will be sum of their ages in 4 years?

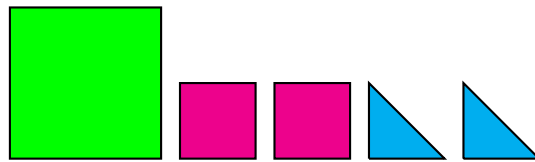
- (A) 16      (B) 17      (C) 18      (D) 19      (E) 20

11. Which tile matches the pattern in the picture?



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

12. Which pattern can we make using all five cards given below?



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