## Kangourou Sans Frontières



## PreEcolier Test First Grade

Name: $\qquad$

Grade: $\qquad$

Costa Rica 2018

What do you get when you invert the colours?
(A)

(B)

(C)

(D)

(E)

2. Alice draws a figure connecting the ladybirds in the order of increasing number of their dots. She starts with the ladybird with one dot. Which figure will she get?

(A)

(C)

(D)

(B)

(E)

3. Mary glued 4-ray stars like this. At least, how many stars did she use ?

(A) 5
(B) 6
(C) 7
(D) 8
(E) 9
4. This pizza was cut into equal slices. How many slices have been taken?

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

4 points
5. Emilie builds towers in the following pattern:


Which one will be the 16th?
(A)

(B)

(C)

(D)

(E)

6. Little Theodor assembled a stacking toy as in the picture. How many rings will

(A) 1
(B) 2
(C) 3
(D) 4
(E) 5
7. Juana, the friendly witch, has 5 broomsticks in her garage. She removes the broomsticks one by one without moving the others. Which broomstick will Juana take at last?

(A) A
(B) B
(C) C
(D) D
(E) E
8. The two transparent squares are put on top of each other. What can you see?


## 5 points

9. Peter drew a pattern twice, as in the picture. Which point will he reach when he draws the third pattern?

(A) A
(B) B
(C) C
(D) D
(E) E
10. Lisa has 4 pieces, but she only needs 3 for her puzzle frame.


Which one will be left over?
(A) A
(B) B
(C) C
(D) D
(E) C or D
11. A student had some sticks of length 5 cm and width 1 cm . With the sticks he constructed the fence below. What is the length of the fence?

(A) 20 cm
(B) 21 cm
(C) 22 cm
(D) 23 cm
(E) 25 cm
12. The drawing shows 3 flying arrows and 9 fixed balloons. When an arrow hits a balloon, it bursts, and the arrow flies further in the same direction. How many balloons will not be hit by arrows?

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

