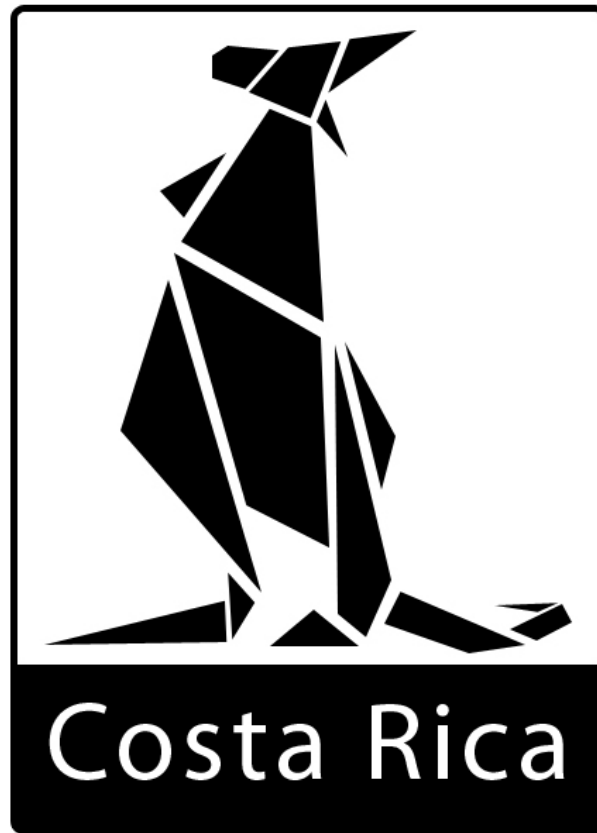


Kangourou Sans Frontières



Ecolier Test
Third Grade

Name: _____

Costa Rica 2018

3 points

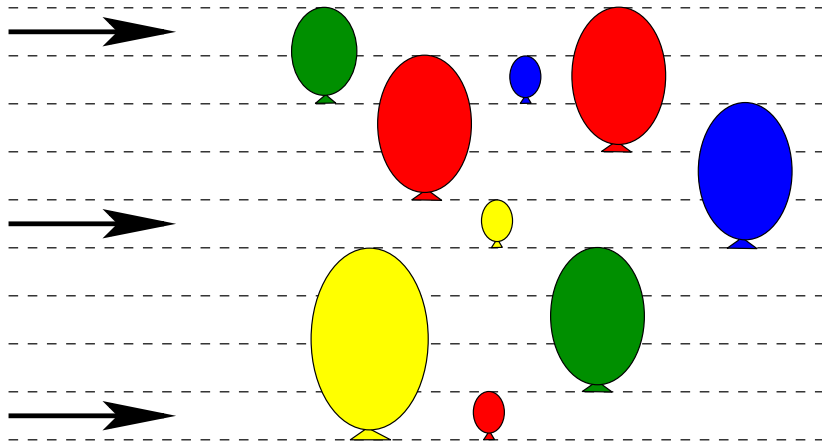
1. Leonie has 10 rubber stamps. Each stamp has one of the digits: 0, 1, 2, 3, 4, 5, 6, 7, 8 and 9. She prints the date of the Kangaroo contest:

1	5	0	3	2	0	1	8
---	---	---	---	---	---	---	---

How many stamps does she use?

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

2. The picture 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 be hit by the arrows?

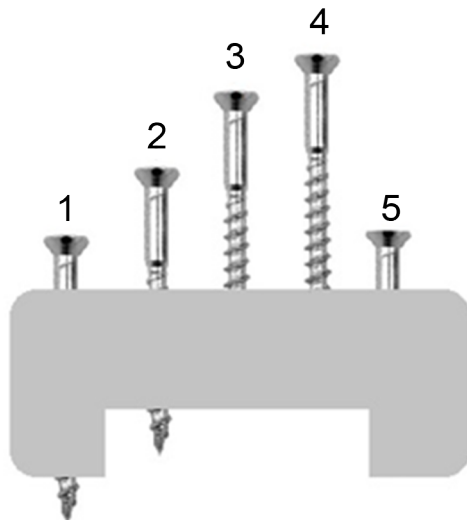


- (A) 2 (B) 3 (C) 4 (D) 5 (E) 6

3. Susan is 6 years old. Her sister is one year younger and her brother is one year older. What is the sum of the ages of the three siblings?

- (A) 10 (B) 15 (C) 18 (D) 21 (E) 30

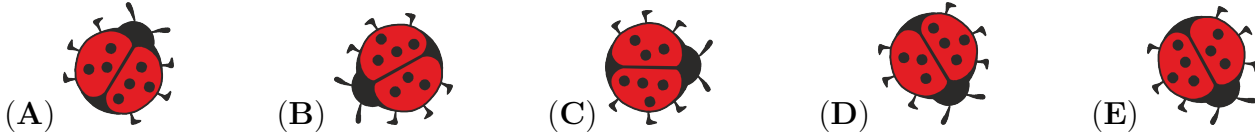
4. The picture shows five screws in a block. Four screws are the same length. One screw is shorter.




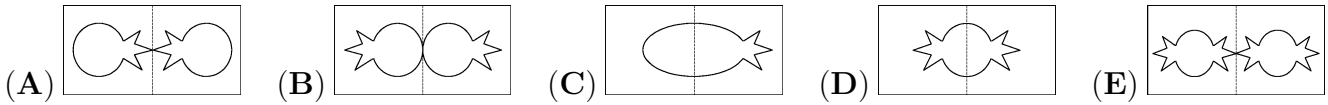
Which screw is the shortest?

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

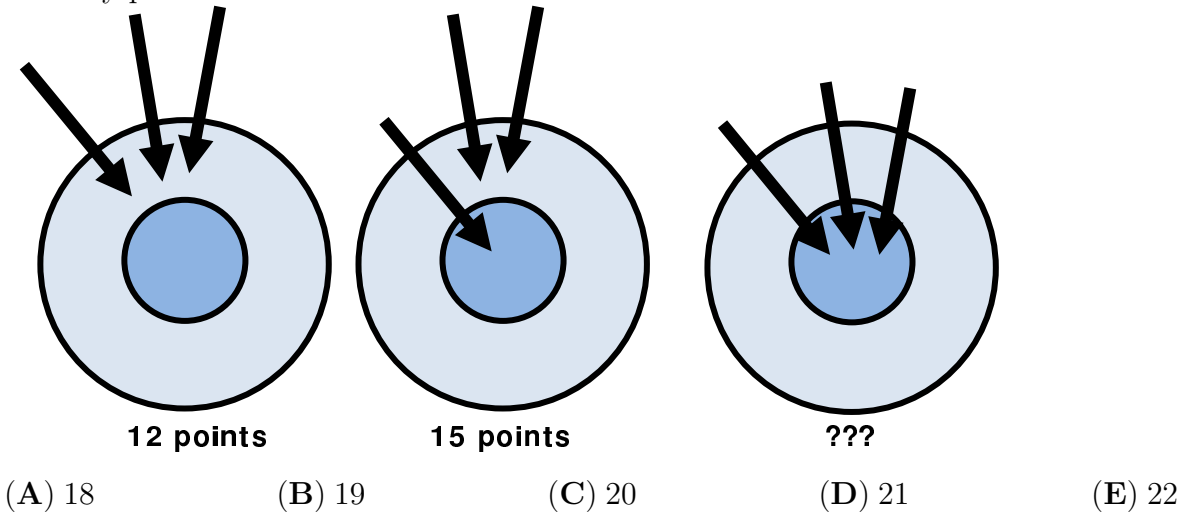
5. Here is a picture of Sophie the ladybird . She turns around. Which picture of the ladybirds below is not Sophie?



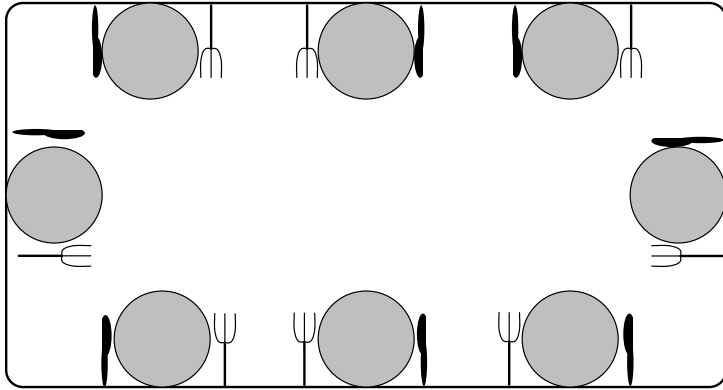
6. Lucy folds a sheet of paper in half. Then she cuts a piece out of it . What will she see when she unfolds the paper?



7. First, Diana scores 12 points in total with three arrows. On her second turn she scores 15 points. How many points does she score on her third turn?



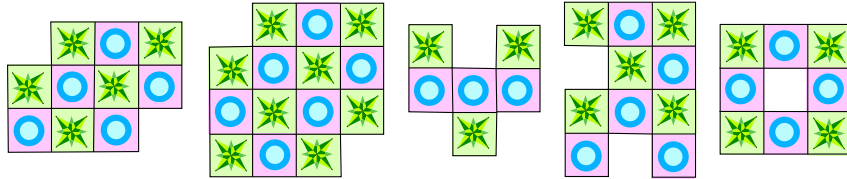
8. Mike sets the table for 8 people. He must set the table correctly for the persons sitting at the table. Correctly means the fork on the left of each plate and the knife on the right. How many people does Mike set the table correctly for?
























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

4 points

9. Roberto makes designs using tiles like this . How many of the 5 designs can he make?

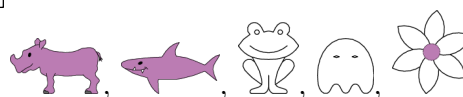


- (A) 1 (B) 2 (C) 3 (D) 4 (E) 5

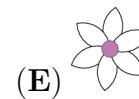
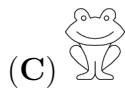
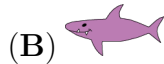
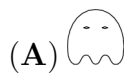
				
				
				
			?	
				

10.

Albert fills the grid with these five figures:



Each figure appears exactly once in every column and every row. Which figure must Albert put in the cell with the question mark?



11. Tom cuts two types of pieces out of grid paper.

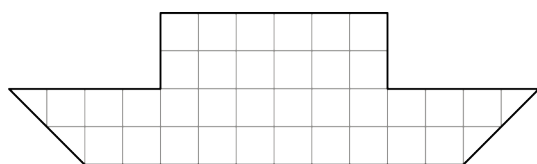
What is the smallest number of pieces that Tom needs in order to cover completely the boat in the picture?



square



trapezium



boat

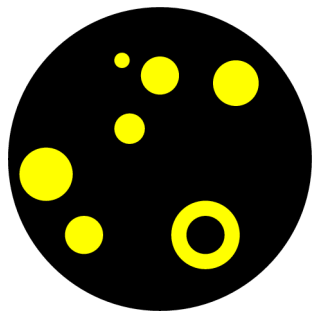
(A) 5

(B) 6

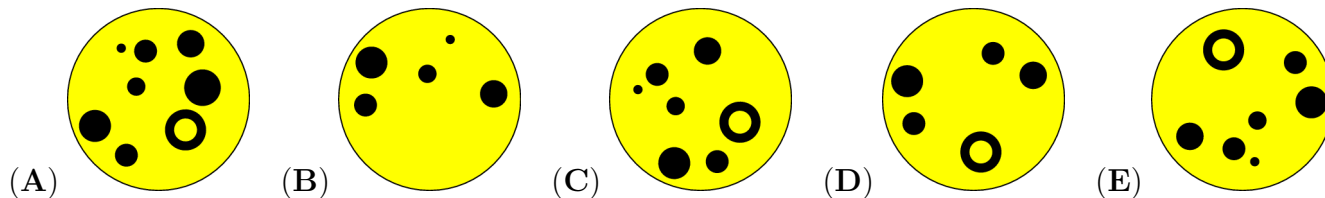
(C) 7

(D) 8

(E) 9



12. The colours in this picture must be swapped over. Then the picture has to be turned around. What does the new picture look like?



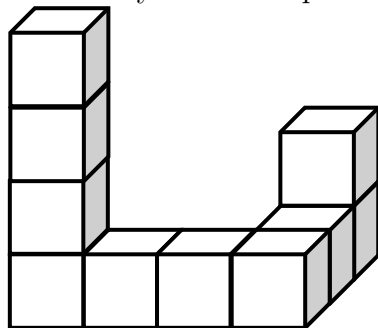
13. Peta rabbit has 20 carrots. She eats 2 carrots every day. She ate the 12th carrot on Wednesday.



On which day did she start eating the carrots?

- (A) Monday (B) Tuesday (C) Wednesday (D) Thursday (E) Friday

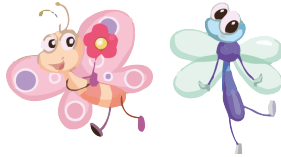
14. Toby glues 10 cubes together to make the structure shown below. He paints the whole structure, even the bottom.



How many cubes are painted on exactly 4 of their faces?

- (A) 6 (B) 7 (C) 8 (D) 9 (E) 10

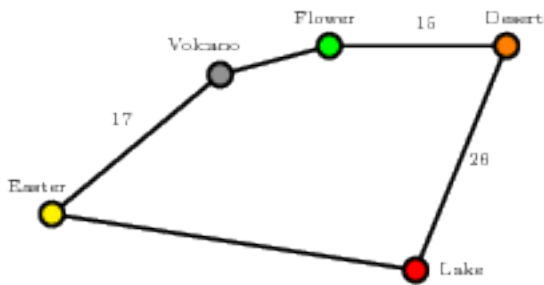
15. There are 8 flowers on a rose bush. Some butterflies and some dragonflies sit on the flowers. There are no more than one insect per flower. More than half of the flowers are occupied. The number of butterflies on the flowers is twice the number of dragonflies on the flowers. How many butterflies sit



on the flowers?

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

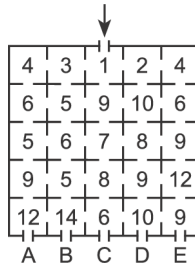
16. Captain Kook wants to sail from the island called Easter through every island on the map and back to Easter. The total journey is 100 kilometers (km) long. The distance between Desert and Lake is the same as the distance between Easter and Flower via Volcano. How far is it directly from Easter to Lake?



- (A) 17 km (B) 23 km (C) 26 km (D) 33 km (E) 35 km

5 points

17. The rooms in Kanga’s house are numbered. Baby Roo enters the main door, passes through some rooms and leaves the house. The numbers of the rooms that he visits are always increasing.

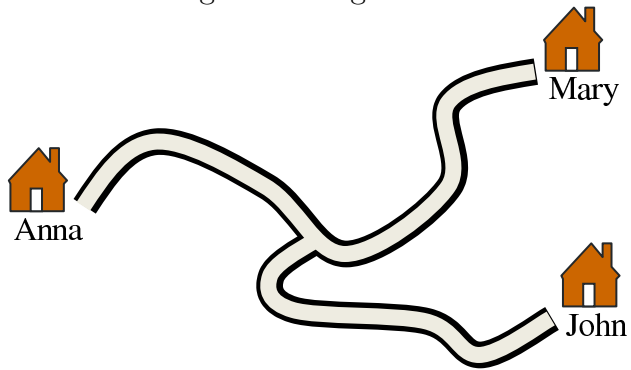


Through which door does he leave the house?

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

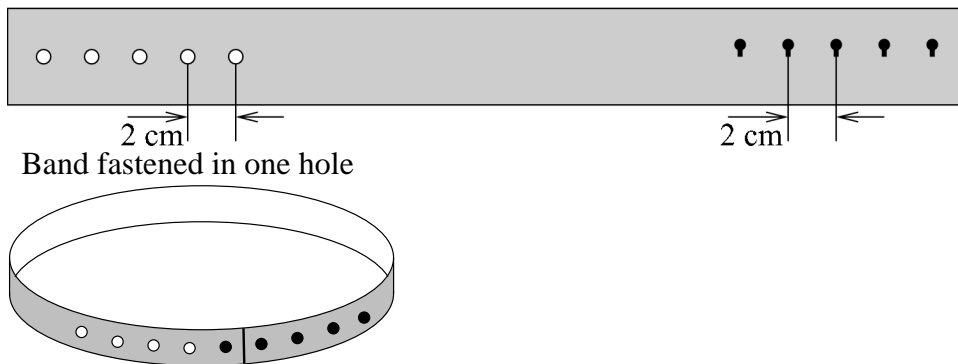
18. The road from Anna’s to Mary’s house is 16 km long.

The road from Mary’s to John’s house is 20 km long and the road from the crossroad to Mary’s house is 9 km long. How long is the road from Anna’s to John’s house?



- (A) 7 km (B) 9 km (C) 11 km (D) 16 km (E) 18 km

19. The band shown in the drawing can be fastened in five ways. How much longer is the band fastened in one hole than the band fastened in all five holes?
Unfastened band



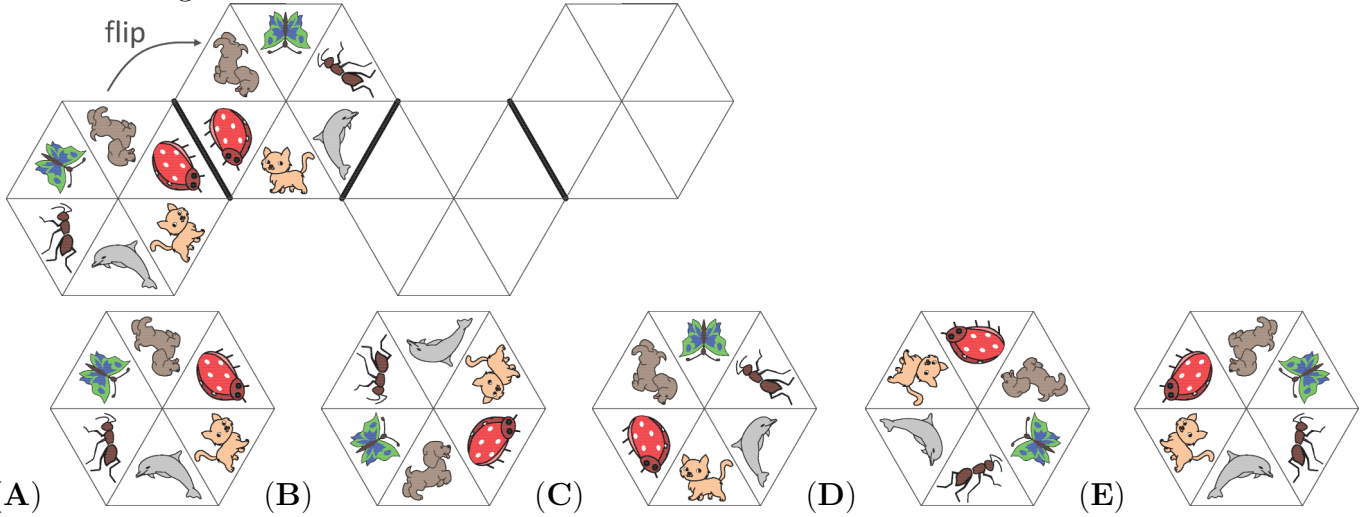
- (A) 4 cm (B) 8 cm (C) 10 cm (D) 16 cm (E) 20 cm

20. A pirate has two chests. There are 10 coins in the left chest and the other is empty. Starting tomorrow, the pirate will put 1 coin in the left chest and 2 coins in the other one every day. In how many days will the two chests have the same number of coins?

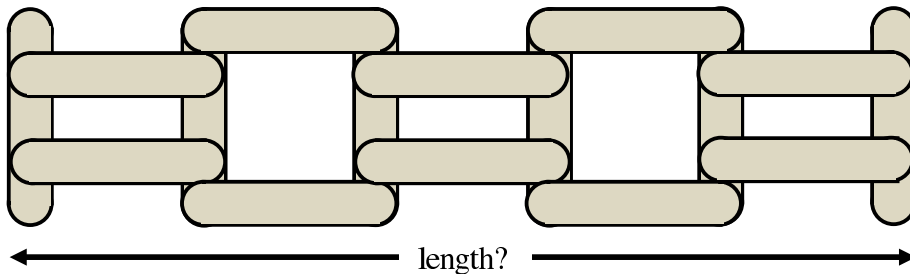
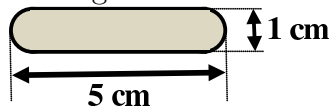


- (A) 5 (B) 8 (C) 10 (D) 12 (E) never

21. The stained glass tile is flipped. One of the flips is shown. What does the stained glass tile look like at the far right?

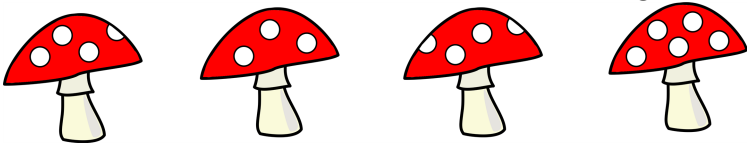


22. A student had some sticks of length 5 cm and width 1 cm. With the sticks he constructed the fence below. What is the length of the fence?



- (A) 20 cm (B) 21 cm (C) 22 cm (D) 23 cm (E) 25 cm

23. The number of dwarfs that can fit under a mushroom is equal to the number of dots on the mushroom cap. The picture below shows one side of each mushroom, the number of dots on the other side is the same. If 30 dwarfs are seeking shelter from the rain, how many dwarfs will get wet?



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

24. How many numbers greater than 10 and smaller than 25 with distinct digits can we make by using two of the digits 2, 0, 1, and 8 ?

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



Hoja de Respuestas

Nombre: _____

Institución: _____

Nivel: _____

01. A B C D E

02. A B C D E

03. A B C D E

04. A B C D E

05. A B C D E

06. A B C D E

07. A B C D E

08. A B C D E

09. A B C D E

10. A B C D E

11. A B C D E

12. A B C D E

13. A B C D E

14. A B C D E

15. A B C D E

16. A B C D E

17. A B C D E

18. A B C D E

19. A B C D E

20. A B C D E

21. A B C D E

22. A B C D E

23. A B C D E

24. A B C D E