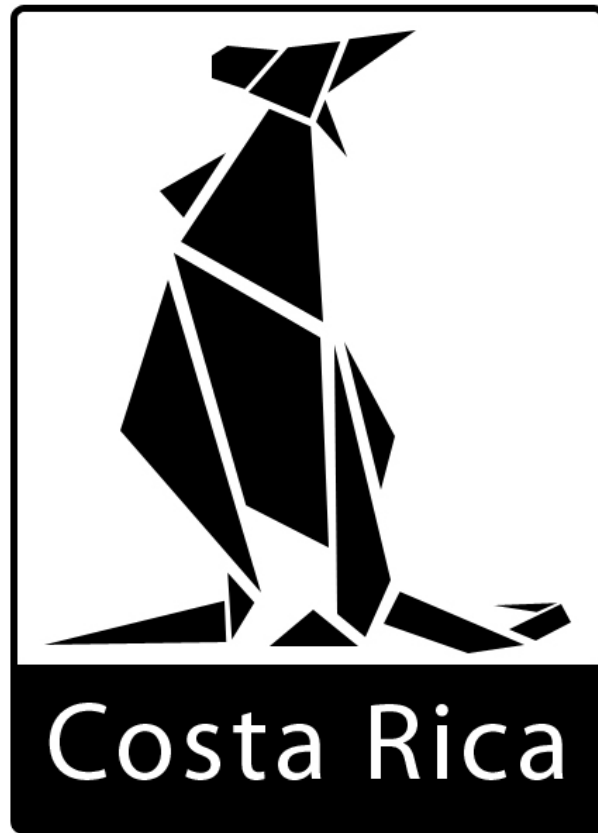


Kangourou Sans Frontières

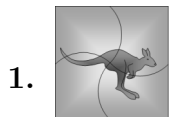


Ecolier Test
Third Grade

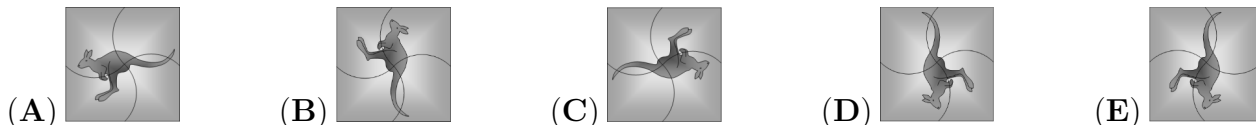
Name: _____

Costa Rica 2015

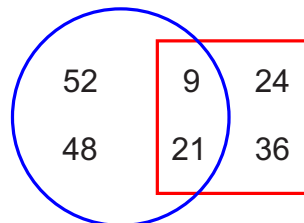
3 points



Which of the following pictures can be rotated so that it will coincide with the picture?



2. What is the sum of the numbers outside the square?

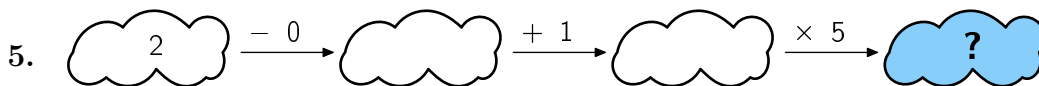
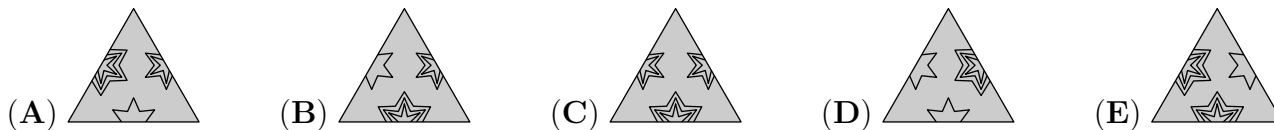
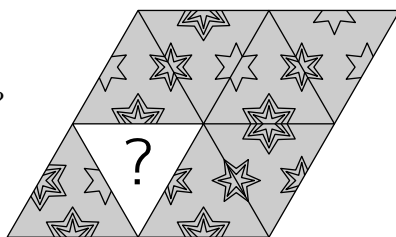


- (A) 30 (B) 60 (C) 90 (D) 45 (E) 100

3. It takes half an hour for Jenny to go half of the way from school to home. How long does it take Jenny to go to school from home?

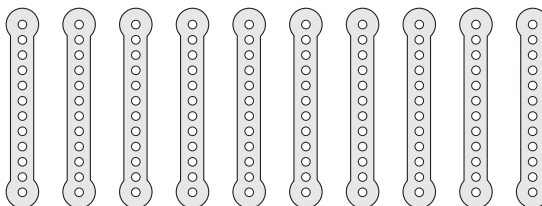
- (A) 15 minutes (B) half an hour (C) 1 hour (D) 2 hours (E) 40 minutes

4. Which piece is missing?

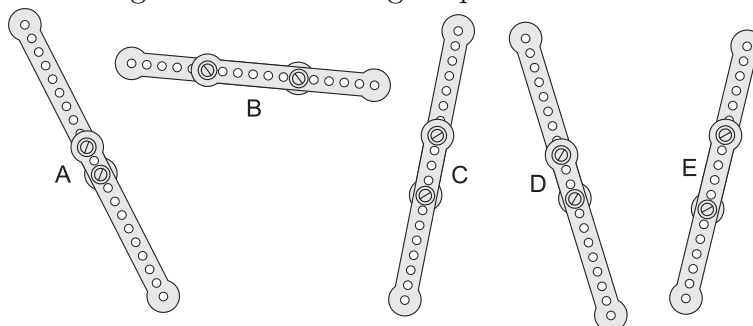


- (A) 6 (B) 7 (C) 8 (D) 10 (E) 15

6. Eric had 10 equal metal strips.



He has screwed pairs of them together into five long strips.



Which strip is the longest?

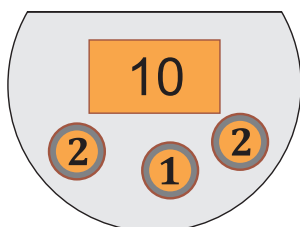
- (A) A (B) B (C) C (D) D (E) E

7. Which number is hidden behind the square?

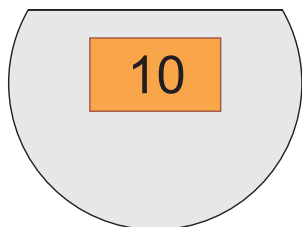
$$\begin{aligned} \blacktriangle + 4 &= 7 \\ \blacksquare + \blacktriangle &= 9 \end{aligned}$$

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

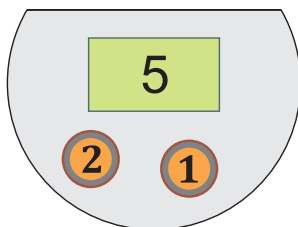
8.



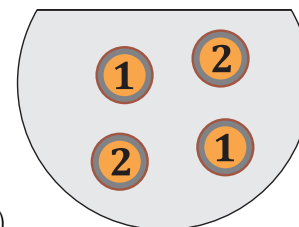
Lucy had some kangas in the wallet (see the picture). She went to a shop where she bought a ball and paid 7 kangas. How many kangas did she have when she left the shop?



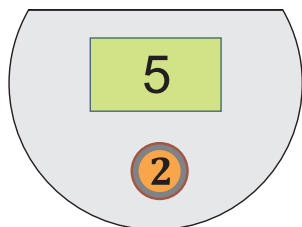
(A)



(B)



(C)



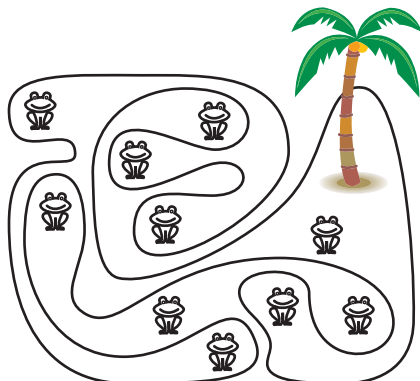
(D)



(E)

4 points

9. In the figure, we see an island with a highly indented coastline and several frogs. How many of these frogs are sitting on the island?

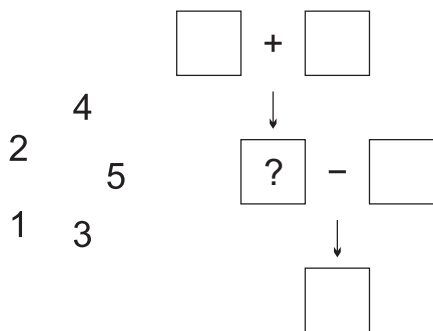


- (A) 5 (B) 6 (C) 7 (D) 8 (E) 9

10. The date 5/5/2015 has three 5's. The earliest date that will have three 5's again is:

- (A) 5/5/2025 (B) 6/15/2055 (C) 5/15/2050 (D) 5/25/2015 (E) 5/15/2015

11. Place each of the numbers 1, 2, 3, 4, 5 into one box so that everything is correct. Which number goes to the box marked with question mark?



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

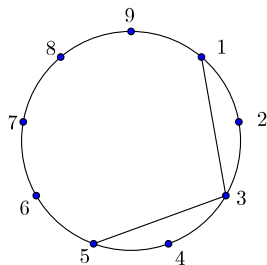
12. There were 11 flags on a straight track of a race. The first one was at the start, the last one at the finish. The distance between each flag was 8 m. How long was the track?

- (A) 24 metres (B) 48 metres (C) 72 metres (D) 80 metres (E) 88 metres

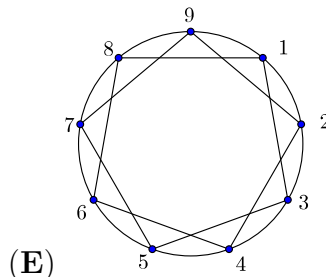
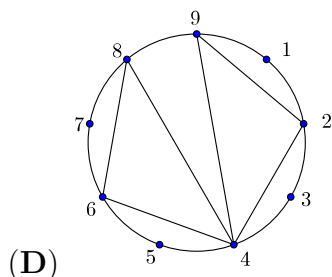
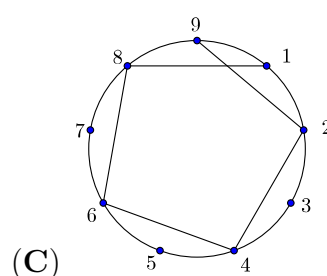
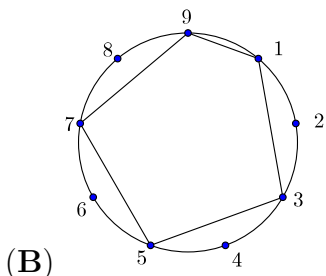
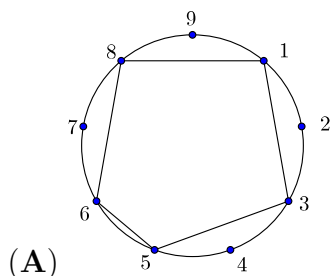
13. We left for a summer camp yesterday at 4:32 PM and got to our destination today at 6:11 AM. For how long did we travel?

- (A) 13 hours 39 minutes (B) 14 hours 39 minutes (C) 14 hours 21 minutes
 (D) 13 hours 21 minutes (E) 2 hours 21 minutes

14.



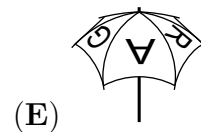
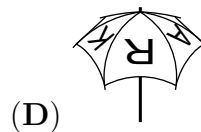
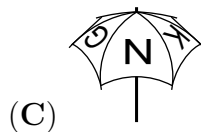
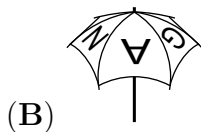
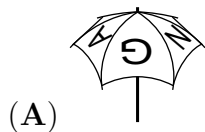
We start drawing a line at every second dot on the circle until we are back at the number 1. The first two lines are drawn already. What figure do we get?



15.



My umbrella has KANGAROO written on top. Which of the following pictures also shows my umbrella?



16. Luis has 7 apples and 2 bananas. He gives 2 apples to Yuri who, in return gives bananas to Luis. Then Luis has as many apples as bananas. How many bananas did Yuri give to Luis?

(A) 2

(B) 3

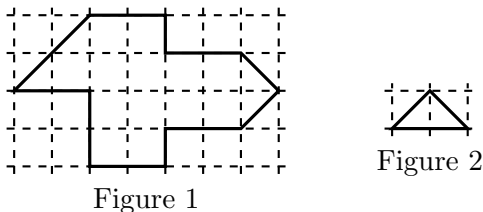
(C) 4

(D) 5

(E) 7

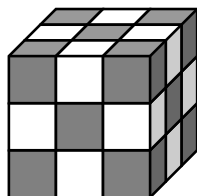
5 points

17. Basil wants to cut the shape depicted in Figure 1 into identical triangles as in Figure 2. How many triangles will he get?



- (A) 8 (B) 12 (C) 14 (D) 15 (E) 16

18. Jack built a cube using 27 small cubes which are colored either black or white (see figure). No two of the small cubes which are colored in the same color have a common face. How many white cubes did Jack use?

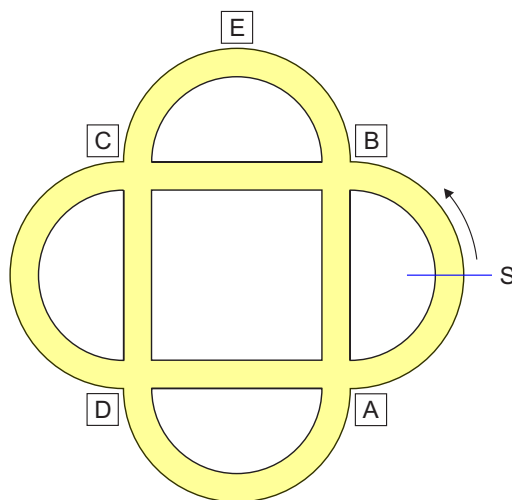


- (A) 10 (B) 12 (C) 13 (D) 14 (E) 15

19. In a speed skating competition 10 racers reached the final. Tom overtook 3 racers more than overtook him. Which place did Tom end up in?

- (A) 1 (B) 3 (C) 4 (D) 6 (E) 7

20. Pete rides a bicycle in the park as in the figure. He starts from the point S in the direction of the arrow. At the first crossroad he turns right, then at the next crossroad he turns left, then right again, then left again and so on in that order. What is the sign at which he won't pass?



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


21. Josip has 4 toys - a car, a doll, a ball and a ship. He wants to put them on a line on a shelf. The ship has to be next to the car and the doll has to be next to the car. In how many ways can he arrange them so all the conditions would be fulfilled?

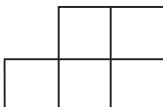
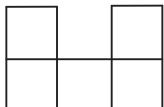
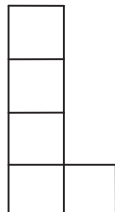
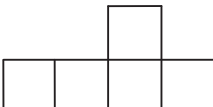
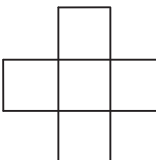
- (A) 2 (B) 4 (C) 5 (D) 6 (E) 8

22. There are 5 ladybirds (see fig.). Two ladybirds are friends with each other if the numbers of spots that they have differ exactly by 1. On Kangaroo Day each of the ladybirds sent to each of her friends one SMS greeting. How many SMS greetings were sent?

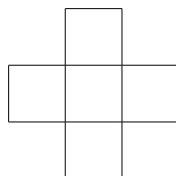


- (A) 2 (B) 4 (C) 6 (D) 8 (E) 9

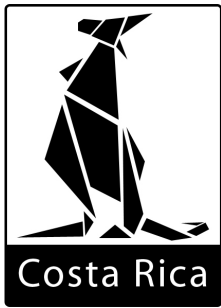
23.  The figure is divided into three identical pieces. What did the pieces look like?

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

24. The numbers 2, 3, 5, 6 and 7 are written in the squares of the cross (see fig.) so that the sum of the numbers in the row is equal to the sum of the numbers in the column. Which of the numbers can be written in the center square of the cross?



- (A) only 3 (B) only 5 (C) only 7 (D) 5 or 7 (E) 3, 5 or 7



Answers

Name: _____

Institution: _____

Grade: _____

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