



The time of the contest is 45 minutes. There is exactly one correct answer among the answers (A - E). The test volume and content do not imply to be solved completely. There can be found some tasks in the test which are not from the school program

March 26, 2024

Grade 1

**3 point problems**

1. On which country's flag a white stripe is not in the middle?



(A) Hungary



(B) Bulgaria



(C) France

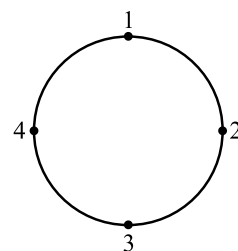


(D) Italy

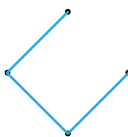


(E) Ireland

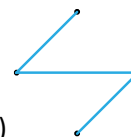
2. Four points were drawn on the circle.



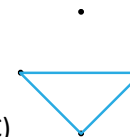
Olivia linked them with segments in the order  $1 \rightarrow 3 \rightarrow 4 \rightarrow 2$ . Which figure does she get?



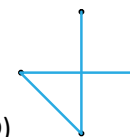
(A)



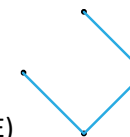
(B)



(C)

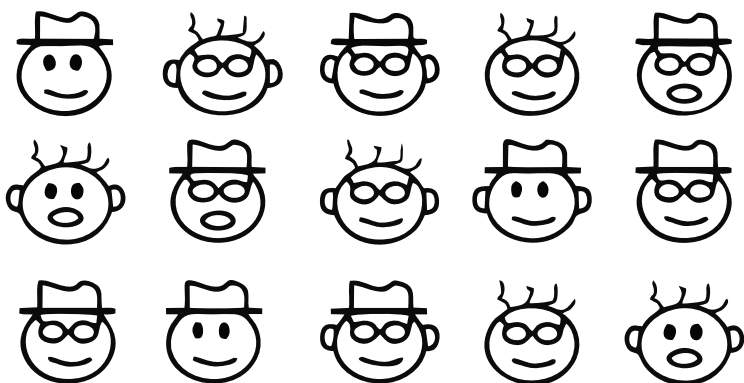


(D)

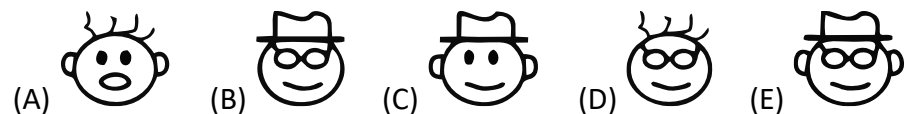


(E)

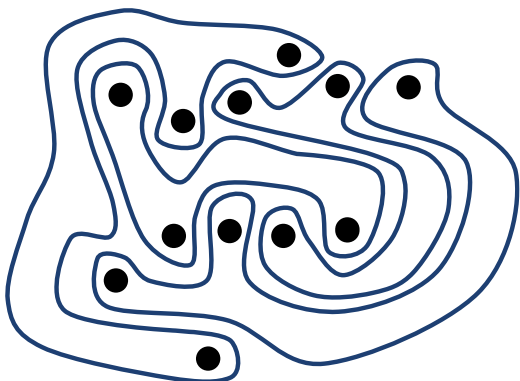
3. There are 8 different faces in the picture. Each face appears twice, except for one.



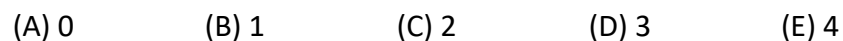
Which face appears only once?



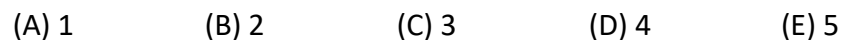
4. The picture shows 4 strange shapes.



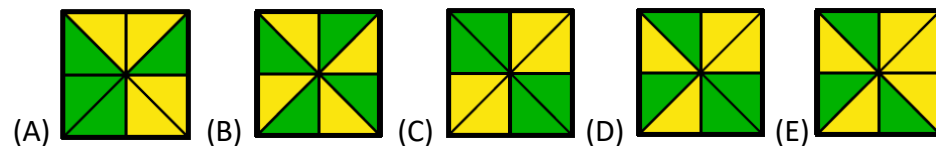
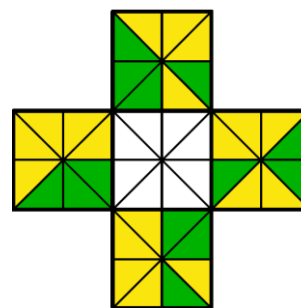
How many shapes have 3 dots inside?



14. How many green, non-rectangular shapes can you see in the next image?

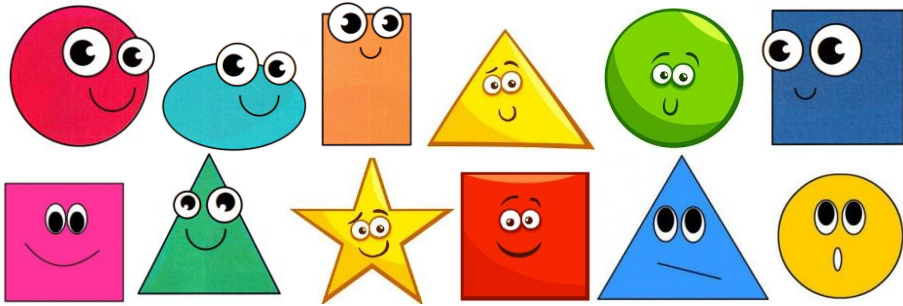


15. How must the triangles of the white square be colored so that each of them has the same color as the neighboring triangle on the neighboring square?



12. Vivienne has three labeled boxes: "squares", "circles", and "triangles".

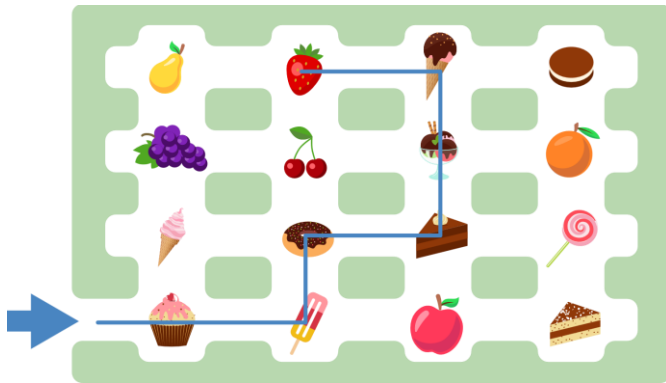
There are shapes on the table:



If Vivienne puts the shapes into corresponding boxes, how many shapes will be left on the table?

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

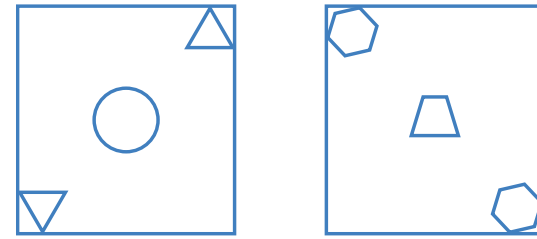
13. Two girls, Ella and Katya, entered the labyrinth. The entrance is shown with a blue arrow. Ella walked along the route  $\rightarrow 2 \uparrow 1 \rightarrow 1 \uparrow 2 \leftarrow 1$  and ended up near a strawberry (see picture)



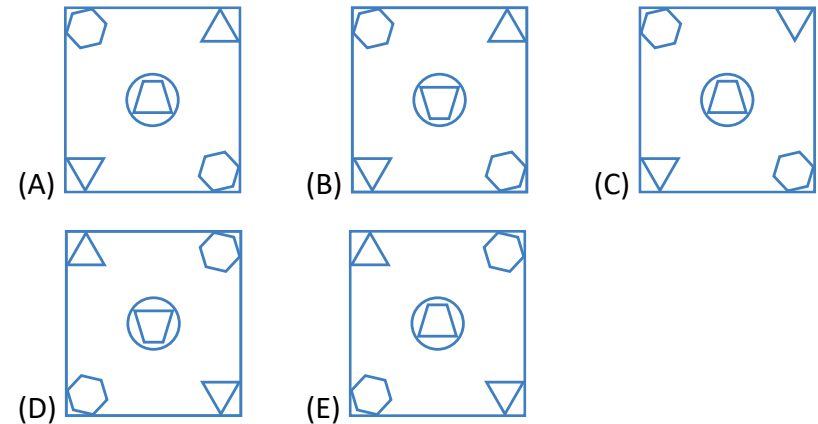
Where will Katya go if she follows the route  $\rightarrow 1 \uparrow 1 \rightarrow 3 \uparrow 2 \leftarrow 2 \downarrow$  ?

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

5. Some shapes are printed on 2 pieces of glass.

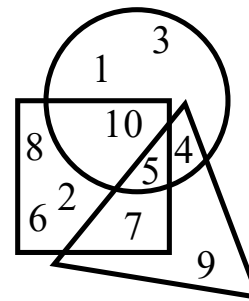


Anna places one on top of the other, without turning either piece. What does she see?



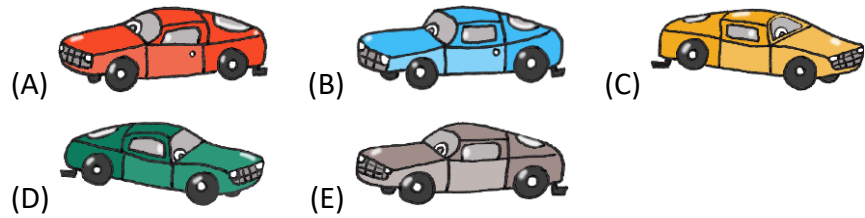
**4 point problems**

6. Which number is inside the triangle, the square and the circle?



- (A) 1      (B) 4      (C) 5      (D) 9      (E) 12

7. Which of these cars is right-hand-drive model?



8. Zarina glues five types of stickers in a row always in the same order.



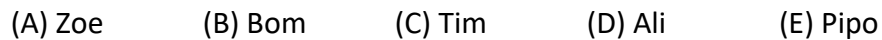
Which sticker will she put on tenth?



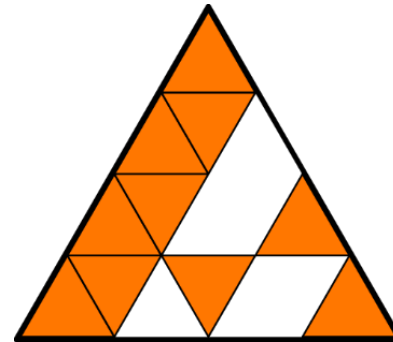
9. Kangaroo visited seven of his friends who live in different countries. Each friend gave him a drawing. Kangaroo placed each received drawing on top of those that he already had.



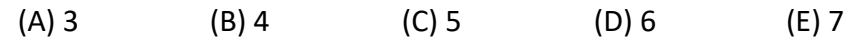
Who did he visit first?



10. Bruno is making this large triangle using identical small triangular tiles.



How many more tiles does Bruno need to complete the large triangle?



**5 point problems**

11. Which pencil is longest?

