

Canguro Matemático



PreEcolier Problems First grade

Name: _____

Institution: _____ Grade: _____

Kangourou Sans Frontières

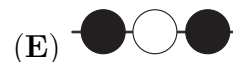
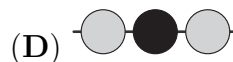
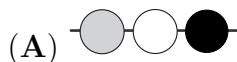
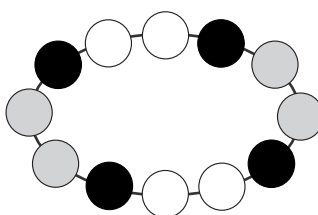
Costa Rica 2019

3 points

1. Which cloud contains only numbers less than 7?



2. Which figure shows a part of this necklace?



3. Together, mum Kangaroo and her son Jumper weigh 60 kilograms. Mum Kangaroo alone weighs 52 kilograms. How much does Jumper weigh?

(A) 2 kilograms

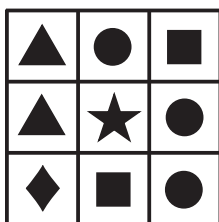
(B) 4 kilograms

(C) 8 kilograms

(D) 30 kilograms

(E) 46 kilograms

4. Karen cuts out one piece of this grid:



Which piece is the one she cut?

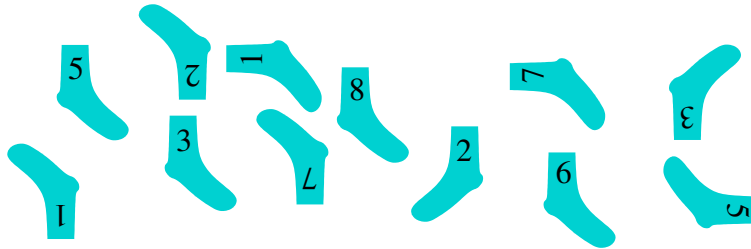


5. At the entrance of the zoo there are 12 children in the queue. Lucy is the 7th from the front and Kim is the second from the back. How many children are there between Lucy and Kim in the queue?



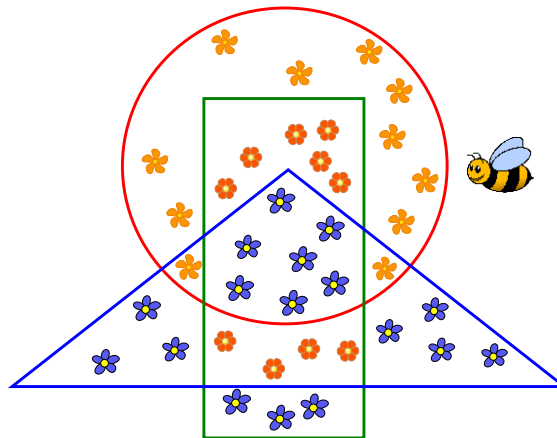
- (A) 2 (B) 3 (C) 4 (D) 5 (E) 6

6. Jorge pairs his socks so that the numbers match. How many pairs can he make?



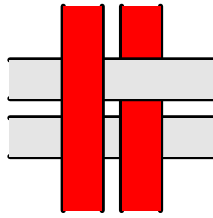
- (A) 3 (B) 4 (C) 5 (D) 6 (E) 8

7. Maya Bee was gathering pollen from all of the flowers that lie inside the rectangle, but are outside the triangle. From how many flowers did she collect pollen?

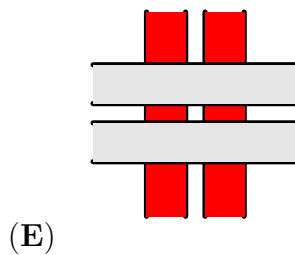
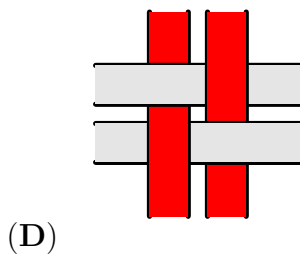
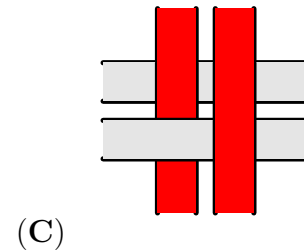
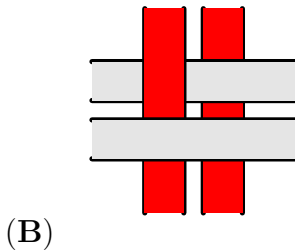
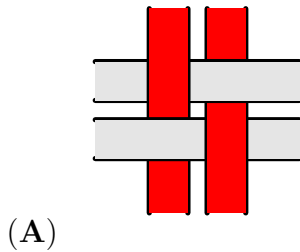


- (A) 9 (B) 10 (C) 13 (D) 17 (E) 20

8. Four strips are woven into a pattern, as shown.

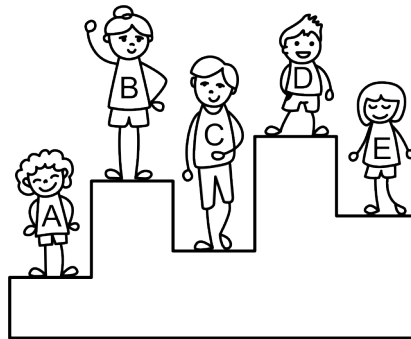


What do you see when you look at it from the other side?



4 points

9. The higher the step on the podium, the higher the rank of the runner. Who finished third?



(A) A

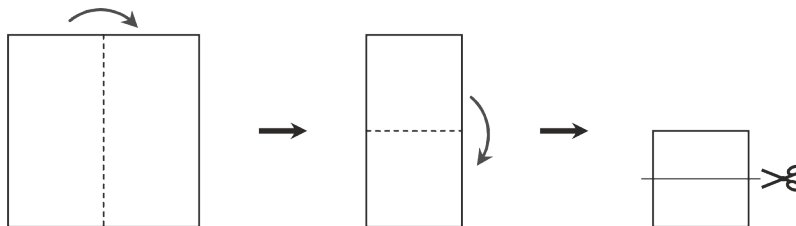
(B) B

(C) C

(D) D

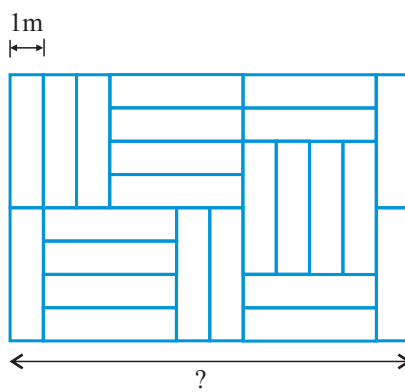
(E) E

10. Patricia folds a sheet of paper twice and then cuts it, as shown. How many pieces of paper does she end up with?



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

11. A floor is covered with identical rectangular tiles as shown. The shorter side of each tile is 1 m. What is the length of the side with the question mark?



- (A) 6 m (B) 8 m (C) 10 m (D) 11 m (E) 12 m

12. Three squirrels Anni, Asia and Elli collected 7 nuts in total. Each collected a different number of nuts, but each collected at least one. Anni collected the least, Asia the most. How many nuts did Elli collect?

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