

3 points

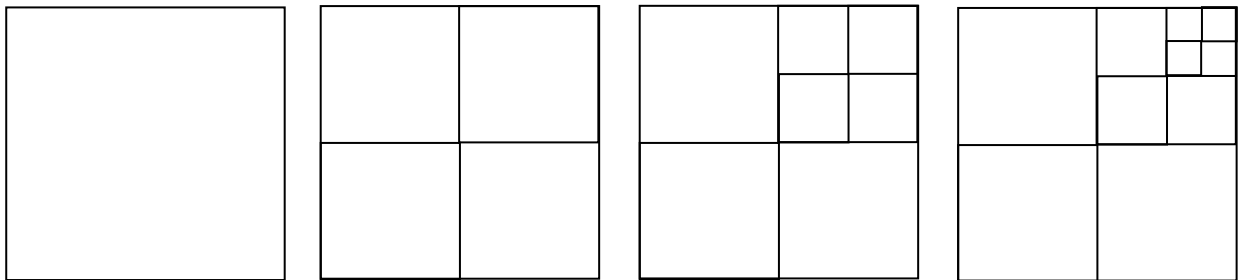
1. We eat 3 meals a day. How many meals do we eat in a week?

- A) 7 B) 18 C) 21 D) 28 E) 37

2. An adult ticket to the ZOO costs 4 euros, the ticket for a child is 1 euro cheaper. How many euros must a father pay to enter the ZOO with his two children?

- A) 5 B) 6 C) 7 D) 10 E) 12

3. We make a sequence of figures with tiles. The first four figures have 1, 4, 7 and 10 tiles, respectively. How many tiles will the fifth figure have?



- A) 11 B) 12 C) 13 D) 14 E) 15

4. Miriam gave her mother, grandmother, aunt and two sisters each a bunch of flowers. Which of them was for her mother, if you know that

- the flowers for sisters and aunt were of the same colour,
- grandmother did not receive roses.



Yellow
tulips
A)



pink
roses
B)



red
carnations
C)



yellow
roses
D)

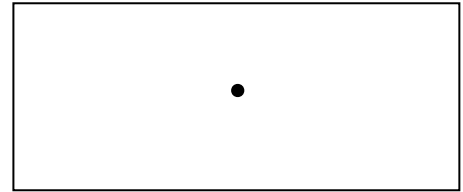


yellow
carnations
E)

5. Theresa has 37 CDs. Her friend Claudia said: "If you give me 10 of your CDs, we will both have the same number of CDs." How many CDs does Claudia have?

- A) 10 B) 17 C) 22 D) 27 E) 32

6. Rebecca has drawn a point on a piece of paper. She now draws four straight lines that pass through this point. Into how many sections do these lines divide the paper?



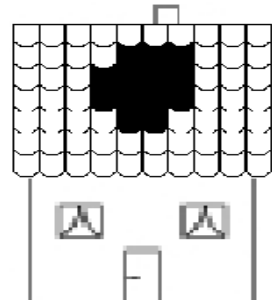
- A) 4 B) 6 C) 5 D) 8 E) 12

7. In six and a half hours it will be four hours after midnight. What time is it now?

- A) 21:30 B) 04:00 C) 20:00 D) 02:30 E) 10:30

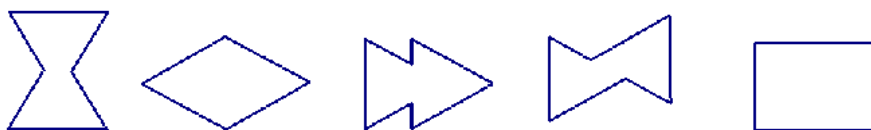
4 points

8. The storm made a hole in the front side of the roof. There were 10 roof tiles in each of 7 the rows. How many tiles are left on the front side of the roof?



- A) 57 B) 59 C) 61 D) 67 E) 70

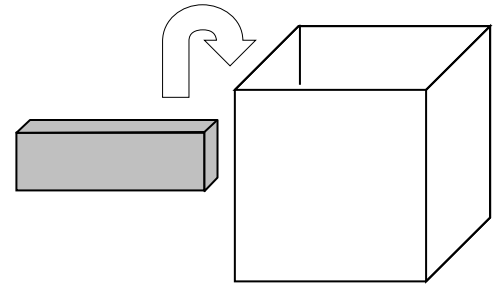
9. Carol is making figures with two triangular cards shown. Which figure is impossible for her?



- A) B) C) D) E)

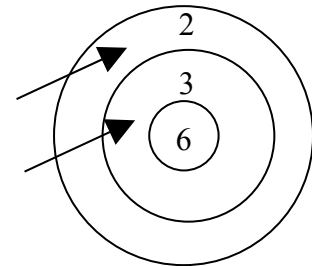
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15. We have a large number of blocks of 1 x 2 x 4 cm. We will try to put as many of these blocks as possible in a box of 4 x 4 x 4 cm so that we can close the box with a lid. How many blocks fit in?



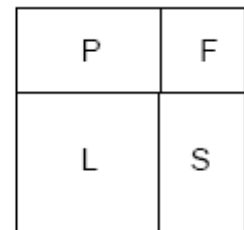
- A) 6 B) 7 C) 8 D) 9 E) 10

16. Jane shoots two arrows at the target. In the drawing we see that here the score is 5. If both the arrows hit the target, how many different scores can she obtain?



- A) 4 B) 6 C) 8 D) 9 E) 10

17. A garden in the shape of a square is divided into a pool (P) a flowerbed (F) a lawn (L) and a sandpit (S) (see the picture). The lawn and the flowerbed are in the shape of a square. The perimeter of the lawn is 20 m, the perimeter of the flowerbed is 12 m. What is the perimeter of the pool?



- A) 10m B) 12m C) 14m D) 16m E) 18m

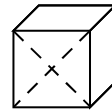
18. Bill has as many brothers as sisters. His sister Ann has twice as many brothers as she has sisters. How many children are there in this family?

- A) 3 B) 4 C) 5 D) 6 E) 7

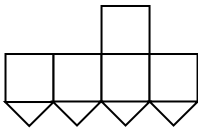
19. How many two-digit numbers are there in which the digit on the right is larger than the digit on the left?

- A) 26 B) 18 C) 9 D) 30 E) 36

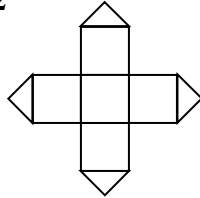
20. One of the cube faces is cut along its diagonals (see the fig.). Which of the following nets are impossible?



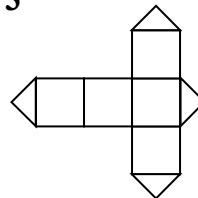
1



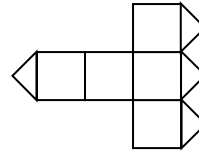
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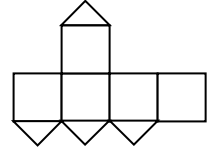
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4

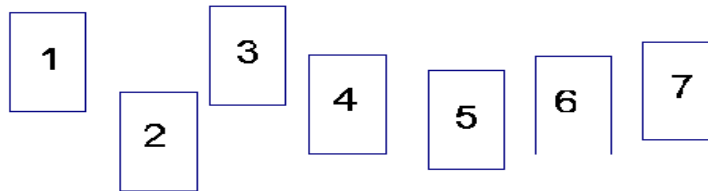


5



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

21. A box contains seven cards. The cards are numbered from 1 to 7. Mary picks, at random, three cards from the box and afterwards John picks two cards. Two cards are left in the box. Then Mary says to John: "I know that the sum of the numbers of your cards is even." The sum of the numbers on Mary's cards is equal to



- A) 10 B) 12 C) 6 D) 9 E) 15