



**Matematikksenteret**

Nasjonalt senter for matematikk i opplæringen

2026

# KENGURUKONKURRANSEN

Problems in English

**Ecolier**

(4.-5. trinn)

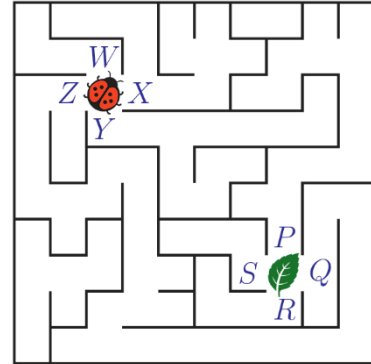


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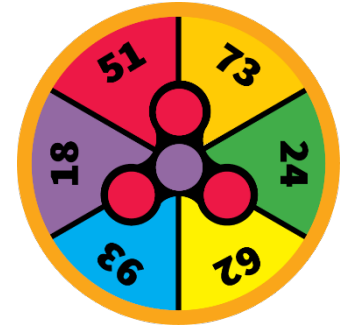
3 points

1. Which route should the ladybird take to get to the leaf?



- (A) X and P (B) Y and P (C) Z and P (D) X and Q (E) Z and Q

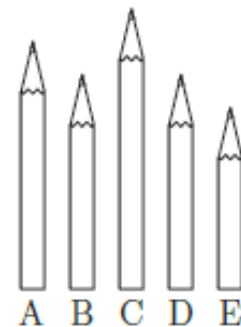
2. Neil uses a small spinner on his fixed bigger spinner, and each time he spins the spinner (provided it does not stop on the lines), he obtains three numbers.



Which option could Neil's numbers be?

- (A) 73, 24, 18 (B) 18, 62, 24 (C) 73, 93, 51 (D) 51, 24, 93 (E) 93, 51, 62

3. Frida has five pencils.  
The shortest one is blue.  
The green and red pencils are the same length.  
The purple pencil is shorter than the yellow one.



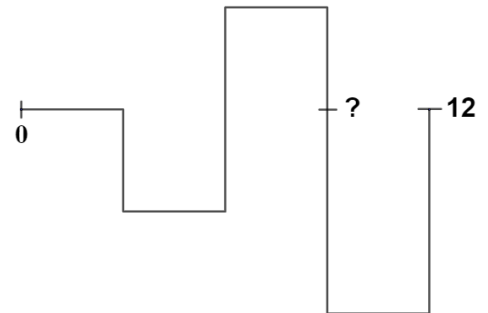
Which pencil is the purple one?

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



4. Alina folds a number line in several places, as shown to the right.

What number is on the line at the place marked by the question mark?



- (A) 3      (B) 5      (C) 6      (D) 7      (E) 8

5. Anita wants to make up some small boxes containing a pencil and one of each type of paint brush.

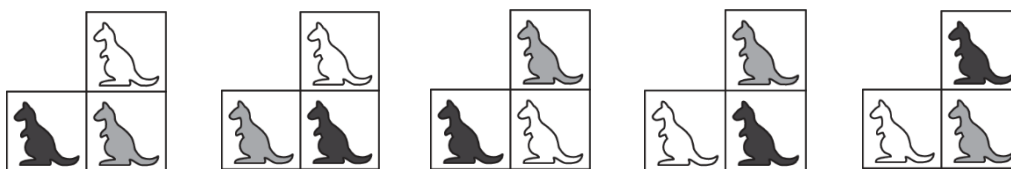
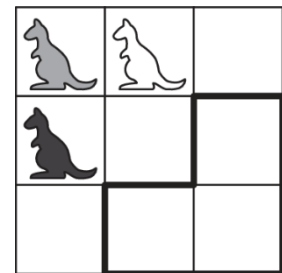


How many complete small boxes can Anita make from the larger box shown above?

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

6. Dan draws a white, grey or black kangaroo in every small square. After that, each row and each column contain exactly 1 white, 1 grey and 1 black kangaroo.

What does Dan draw in the outlined section?



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

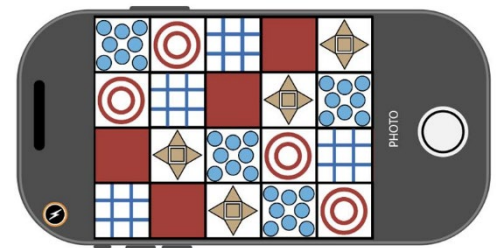


7. Anna is 7 years old and her brother is 2.




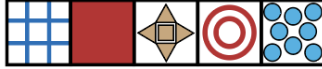

**In how many years will Anna be twice as old as her brother?**

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

8. The floor is made of 5 different tiles.  
The tiles are laid in a repeating pattern.  
Eva takes a picture of the floor with her phone.

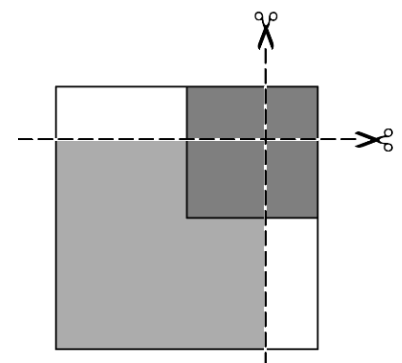


**What is the repeating pattern of the 5 tiles?**

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

4 points

9. John places a white square on the table.  
He then places a grey square and a black square on top, as shown. Then he cuts the stack of squares along the two lines.

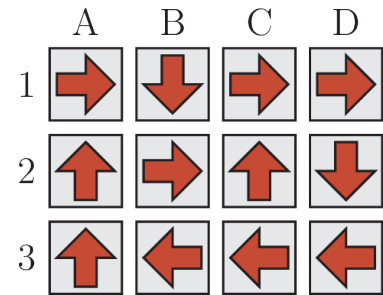


- (A) 3      (B) 4      (C) 5      (D) 7      (E) 9



10. Each arrow shows how Indira must move from one square to the next.

From which square should Indira start to visit all the squares exactly once?



- (A) A1    (B) B1    (C) C2    (D) D2    (E) A3

11. Lucas had 25 candies in 4 bags. He took the same number of candies out of each bag. After that, one bag had 1 candy left, another had 2, and the third and fourth each had 3.

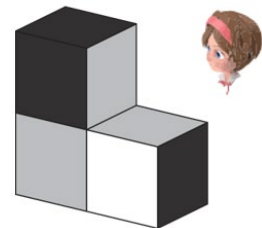
How many candies did Luka take out from each bag?

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

12. Julia has put 3 identical blocks together, as shown.

On every block, each black face is opposite a white face, and each grey face is opposite a grey face.

Julia looks at the building, as shown.



What does she see?



- (A)    (B)    (C)    (D)    (E)



13. The hotel has 6 vacant rooms.

Each room can accommodate 3 or 4 people.

A group of 20 people is going to stay at the hotel.

**If every vacant room is filled, how many accommodate 4 people?**

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

14. Rosy wishes to write the numbers 2, 0, 2, 6 in the square grid shown, so that in each row and in each column, there is exactly one 0 and one 6 and two 2's.

She has already written some of the numbers.

2			
	0		?
		2	
	?		6

**When she has finished, what will the sum of the numbers in the squares with the question marks be?**

- (A) 0                      (B) 2                      (C) 4                      (D) 6                      (E) 8

15. Cela, Ela, and Fela go to an ice cream shop.

One of the girls buys strawberry ice cream, another buys vanilla ice cream, and another buys chocolate ice cream.

Each girl buys a different number of scoops: 1, 2, or 3.

We know that:

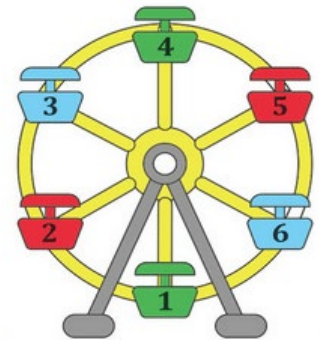
- Cela does not buy strawberry ice cream and chooses the smallest amount,
- Ela does not buy chocolate ice cream,
- The chocolate ice cream is the largest.

**Which ice cream does Fela buy?**

- (A) 2 scoops of strawberry ice cream      (B) 1 scoop of vanilla ice cream      (C) 3 scoops of strawberry ice cream      (D) 2 scoops of vanilla ice cream      (E) 3 scoops of chocolate ice cream



16. The carousel in the picture has 6 cabins.  
However, at the fair, there was a carousel that had many more cabins numbered consecutively starting from 1. When the cabin numbered 3 was completely at the bottom, the top cabin was numbered 12.

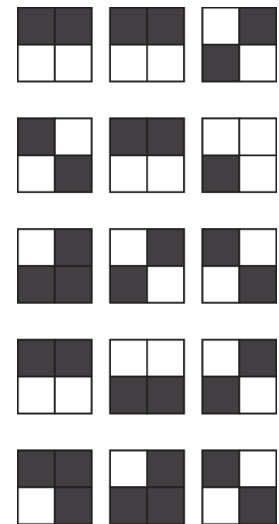


How many cabins are there on this carousel?

- (A) 12      (B) 15      (C) 18      (D) 20      (E) 26

5 points

17. Each pattern in the 5 rows shown in the picture represent one of the three-digit numbers: 183, 451, 521, 872, and 882, but not in this order. Each digit from 0 to 9 has its own unique pattern.



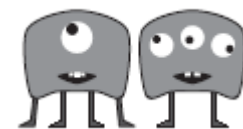
Which number is represented by the pattern in the last row?

- (A) 183    (B) 451    (C) 521    (D) 872    (E) 882

18. In a village, there are two types of monsters:

- monsters with 1 eye and 4 legs,
- monsters with 3 eyes and 2 legs.

The monsters have 9 eyes and 16 legs in total.



How many monsters with 1 eye are there?

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



19. Selina has built towers from cubes on a square grid. Looking from above, the number on each tower shows the tower's height. Looking from the front in the direction of the arrows, Selina cannot see towers that are behind higher towers.

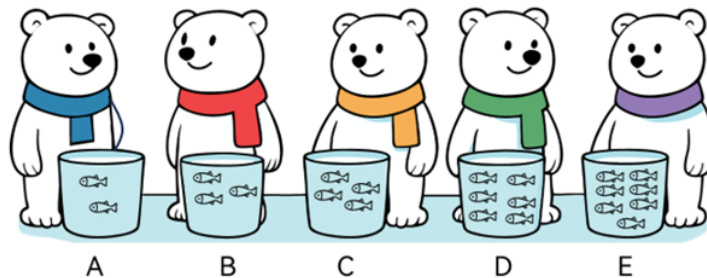
4	8	8	6
2	6	6	8
6	4	2	4
2	2	4	6

↑   ↑   ↑   ↑

How many towers can she see?

- (A) 8      (B) 9      (C) 10      (D) 11      (E) 12

20. The 5 polar bears, Karen, Lisa, Marieke, Nadja and Peter, each keep the fish they have caught in a bucket.



Karen tells Lisa: "Give me 2 fish, and we will have the same number of fish."  
Marieke tells Karen and Lisa: "I have half the number of fish that you two have in total."

Which bucket is Lisa's?

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

21. Ron wanted to give Hermine 16 tulips for her 16th birthday.

However, he managed to grow only 7 tulips in his small garden. Luckily, he knows two spells.

- One spell can double the number of items he has.
- The other spell takes away three of his items.






What is the minimum number of spells required for him to have exactly 16 tulips?

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



22. The 3 girls Lea, Ida and Mia each have a box of sticks. One girl has 1 cm sticks, another 2 cm sticks, and another 3 cm sticks. We do not know which one has which. Lea places her stick on the ground. Then each girl places her stick to the right of the previous stick in the order Mia, Ida, Lea, Mia, Ida, Lea and so on. This makes a straight line 50 cm long.

**Which 2 sticks are at the beginning and at the end of the line?**

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

23. Squirrel, Bunny, and Chipmunk are sitting on a bench from left to right in that order. Every minute, someone moves to the middle seat in the following way. First, the one on the left moves to the middle. Next, the one on the right moves to the middle. Then again, the one on the left moves to the middle, and this keeps alternating.

**After 15 minutes, who will be sitting in the middle?**

- (A) Squirrel    (B) Bunny    (C) Chipmunk    (D) Both Squirrel and Chipmunk are possible    (E) Both Squirrel and Bunny are possible

24. Each square in a grid contains at least 1 sweet. The grid in the figure shows for each square how many sweets there are in total in the neighboring squares. Two squares are neighbors if they share a side.

2	4	3
7	7	3
4	6	5

**How many sweets are there in total in the 9 squares?**

- (A) 16    (B) 17    (C) 18    (D) 20    (E) 21



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**ECOLIER 2026**

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