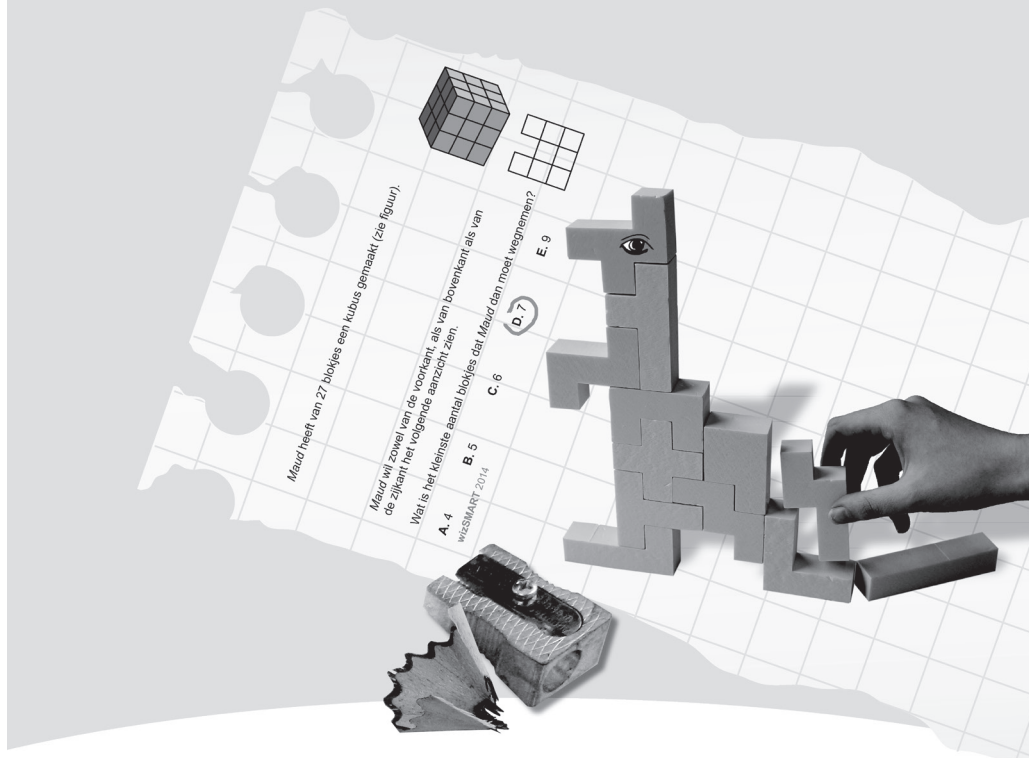




## WERELDWIJDE WISKUNDEWEDSTRIJD W4KANGOEROE

### THURSDAY MARCH 17TH 2016

[WWW.W4KANGOEROE.NL](http://WWW.W4KANGOEROE.NL)



## Good luck and most of all have fun.

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calculators are not allowed



30 minutes for 12 questions (group 3)



only a pencil, an eraser and scribbling paper are allowed



60 minutes for 24 questions (group 4)

results and prizes will arrive at school medio May



answers will be posted on the website March 26th

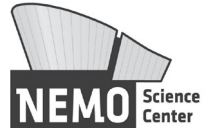


solutions will be posted on the website April 22th

wizFUN  
group 3 & 4 primary school



[www.zwijzen.nl](http://www.zwijzen.nl)



[www.e-nemo.nl](http://www.e-nemo.nl)



[www.education.ti.com](http://www.education.ti.com)



[www.smart.be](http://www.smart.be)



[www.sanderspuzzelboeken.nl](http://www.sanderspuzzelboeken.nl)



[www.schoolsupport.nl](http://www.schoolsupport.nl)



[www.blinkuitgevers.nl](http://www.blinkuitgevers.nl)



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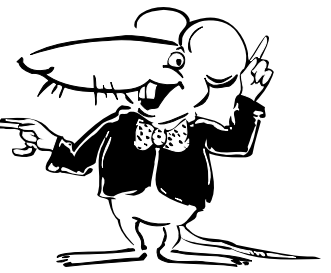
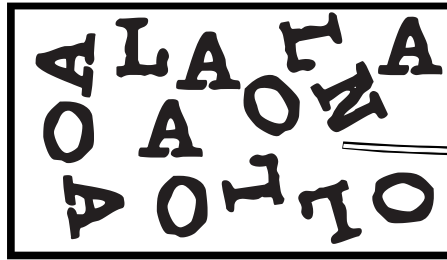


[www.denksport.nl](http://www.denksport.nl)



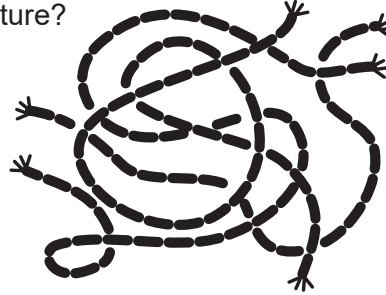
[www.museumboerhaave.nl](http://www.museumboerhaave.nl)

1. Which letter on the board appears most frequently?



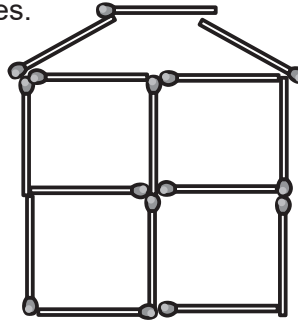
- A. A      B. L      C. N      D. O      E. R

2. How many ropes are there in the picture?



- A. 2      B. 3      C. 4      D. 5      E. 6

3. Lotte builds this house with matches.



How many matches did Lotte use?

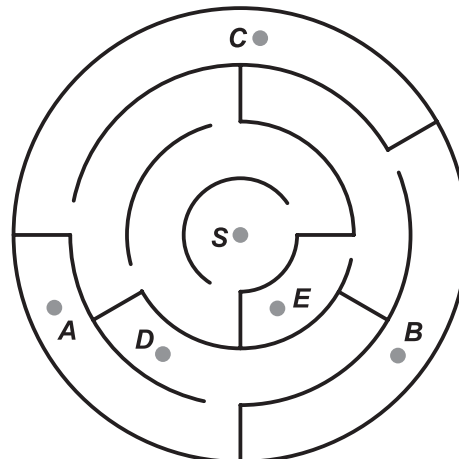
- A. 13      B. 15      C. 17      D. 18      E. 19

4. In a cave, there were 2 beavers, 1 fish and 3 snails. Later, 2 beavers, 3 fishes and 4 snails joined them.

How many animals are there in the cave finally?

- A. 6      B. 9      C. 12      D. 15      E. 18

5. You start at point S in the labyrinth.



Which point can you reach?

- A. A      B. B      C. C      D. D      E. E

6. 10 friends came to *Peter's* birthday party.  
6 of them were girls.

How many boys were there at his party?

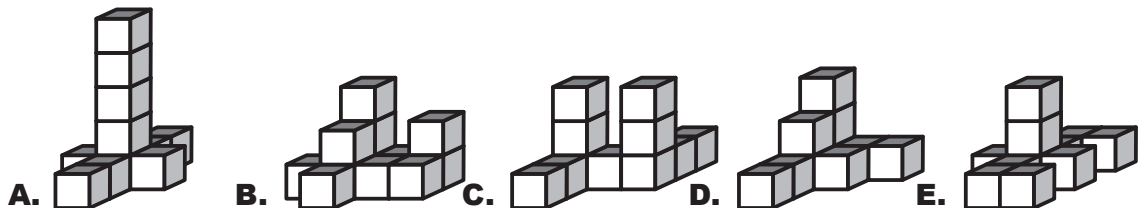
- A. 4                      B. 5                      C. 6                      D. 7                      E. 8

7. *Lola* delivers newspapers to all houses with numbers 5 ,7, 9 and so forth up to and including 19.

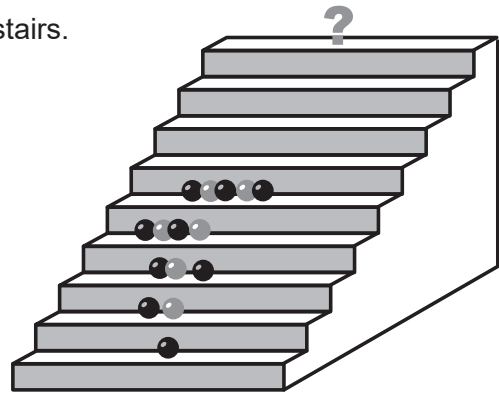
How many houses got a newspaper?

- A. 7                      B. 8                      C. 9                      D. 14                      E. 15

8. Which shape consists of 10 cubes?



9. *Sofie* neatly arranges balls right to the top of the stairs.



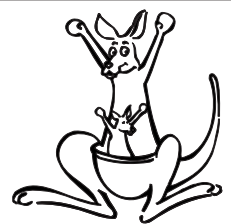
How will the balls appear at the question mark?

- A. ●●●●●●●●                      B. ●●●●●●●●●●                      C. ●●●●●●●●●●●●  
 D. ●●●●●●●●●●                      E. ●●●●●●●●●●●●●●

10. *Kanga* is 1 year and 3 months old now.  
A year has 12 months.

In how many months will *Kanga* be 2 years old?

- A. 3                      B. 5                      C. 7                      D. 8                      E. 9

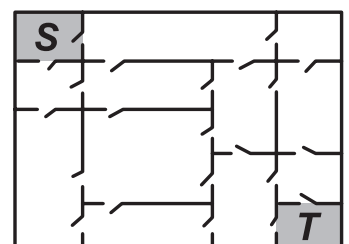


11. Granny called all the hens and her cat.  
All 20 legs ran to her.

How many hens does granny have?

- A. 4                      B. 6                      C. 8                      D. 9                      E. 11

12. *Daan* wants to go from room S to room T.  
Each room is connected to any neighboring room by a door.



What is the least number of doors that *Daan* will need to go through?

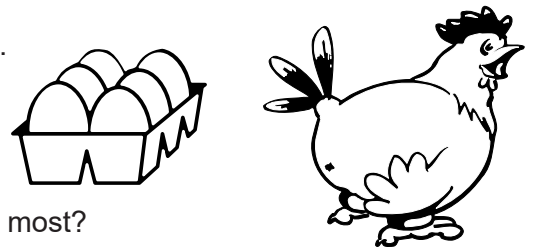
- A. 3                      B. 4                      C. 5                      D. 6                      E. 7

13. The sum of *Luuk's* and *Sem's* ages is equal to 12.

What will be the sum of their ages in 4 years?

- A. 16                      B. 17                      C. 18                      D. 19                      E. 20

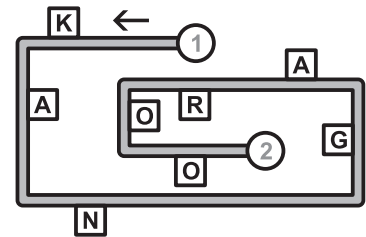
14. *Emma's* hens lay white and brown eggs.  
*Emma* puts 6 eggs in a box as shown in the picture.  
 Brown eggs should not lie next to each other.



How many brown eggs can *Emma* put in the box at most?

- A. 1                      B. 2                      C. 3                      D. 4                      E. 5

15. *Roos* is walking along the road.  
 She moves from point 1 to point 2.  
 She only reads the letters located on her right hand side.



Which row of letters does *Roos* read?

- A. AGRO                      B. KAO                      C. KNAO                      D. KNGO                      E. KNR

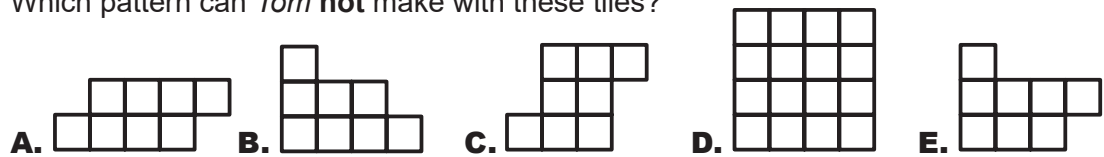
16. There are 12 rooms in a building. Each room has 2 windows and 1 light.  
 Last evening, 18 windows were lighted.

In how many rooms the light was off?

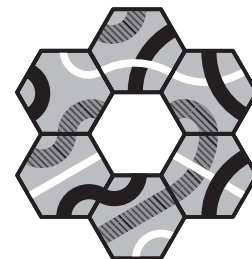
- A. 2                      B. 3                      C. 4                      D. 5                      E. 6

17. *Tom* has tiles like this one:

Which pattern can *Tom* **not** make with these tiles?



18. Which puzzle piece fits in the middle?  
 Lines of the same kind should be connected.



19. *Evi* uses 6 small squares to build this figure.  
 She wants to make a big square shape of it.



What is the least number of small squares she should add?

- A. 6                      B. 8                      C. 9                      D. 10                      E. 12

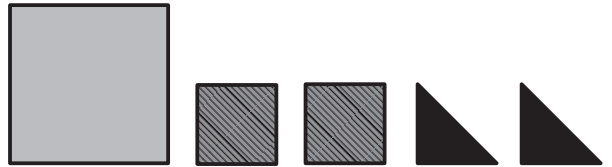
20. 5 mice are sitting on a wall. Each mouse sees every mouse in front of him. Each mouse squeaks as often as the number of mice that he sees.



How many times do the mice squeak altogether?

- A. 6      B. 8      C. 9      D. 10      E. 12

21. We have 5 of these stickers.  
We stick some of them on top of each other.  
It is not allowed to cut stickers.



Which of the patterns can we make?



22. Each of the 5 ladybirds seeks a flower that suits him.  
Each ladybird has 2 wishes:  
1. The difference in dots on its wings is equal tot he number of leaves on the stem.  
2. The total number of dots on its wings is equal tot he number of petals of the flower.



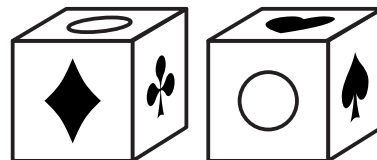
Which ladybird cannot find a matching flower?



23. On each of the 6 faces of a cube there is exactly 1 of the following symbols:

♣, ♦, ♥, ♠, ▲ and ○.

To the right you can see 2 views of the cube.



Which symbol is opposite the ▲?

- A. ○      B. ♦      C. ♥      D. ♠      E. ♣

24. Sjors has 7 gift cards.  
These cards have values of 1, 5, 8, 9, 10, 12 and 15 euro.  
He wants to put them in as many boxes as possible.  
Every box should contain the same amount.



How many boxes does Sjors need?

- A. 1      B. 2      C. 3      D. 4      E. 5