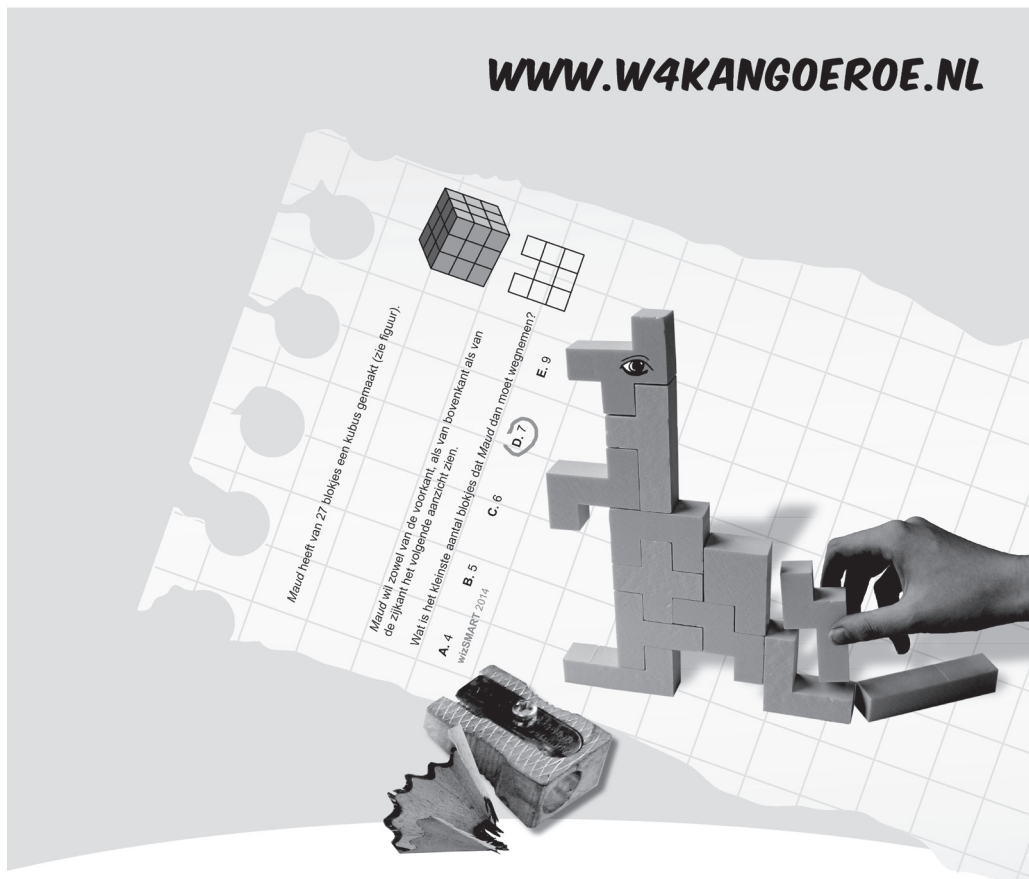




## WERELDWIJDE WISKUNDEWEDSTRIJD W4KANGOEROE

### THURSDAY MARCH 17TH 2016

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



## Good luck and most of all have fun.

© Stichting Wiskunde Kangoeroe



calculators are not allowed



30 minutes for 12 questions (group 3)  
60 minutes for 24 questions (group 4)  
results and prizes will arrive at school in May



Only a pencil, an eraser and scribbling paper are allowed



answers will be posted on the website March 26th

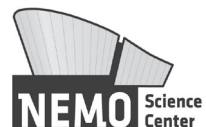


solutions will be posted on the website April 22th

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)



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



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



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



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

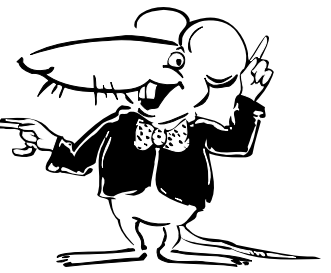
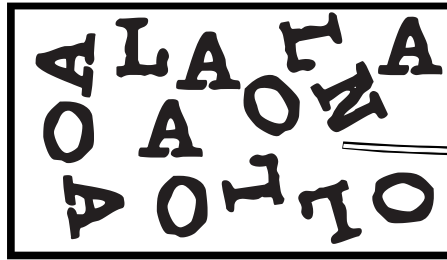


[www.denksport.nl](http://www.denksport.nl)



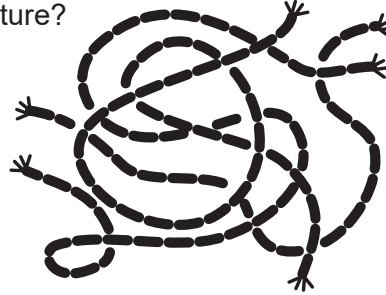
[www.museumboerhaave.nl](http://www.museumboerhaave.nl)

1. Which letter on the board appears most frequently?



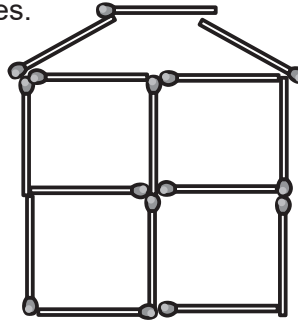
- A. A      B. L      C. N      D. O      E. R

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?

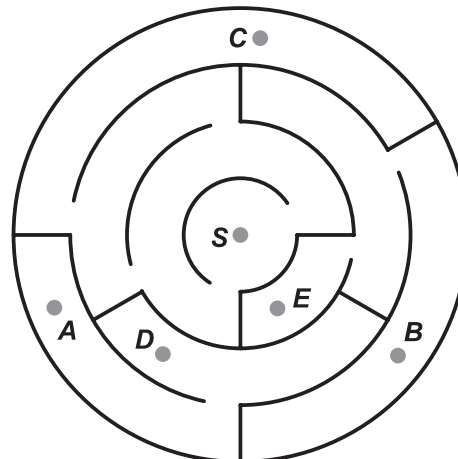
- A. 13      B. 15      C. 17      D. 18      E. 19

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





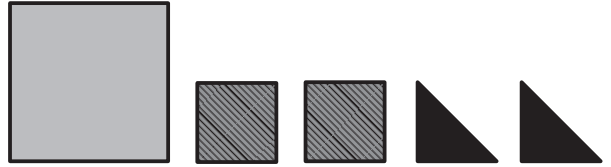
20. 5 mice are sitting on a wall. Each mouse sees every mouse in front of him. Each mouse squeaks as often as the number of mice that he sees.



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.



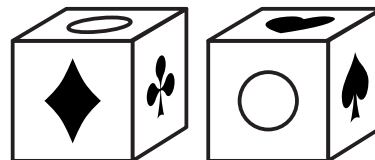
Which ladybird cannot find a matching flower?



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

♣, ♦, ♥, ♠, ▲ and O.

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



Which symbol is opposite the ▲?

- A. O                      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