



calculator not allowed



you may use 50 minutes



scrap paper is allowed



results and awards at school mid-May



wizSMART

23th March the answers will be on the website



20th April the explanations will be on the website



www.zwijsen.nl











www.rekenzeker.nl



www.sanderspuzzelboeken.nl



www.schoolsupport.nl

■ID Premiums Rela www.idpremiums.nl







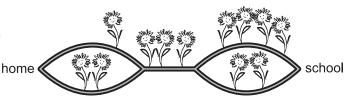




www.cito.nl



7 & 8 primary school and 1 & 2 vmbo, vmbo 3 & 4 basisberoepsgerichte leerweg **1.** Lisa is walking from home to school. On her way she counts the number of flowers. Which answer cannot be correct?



A. 6

B. 7

C. 8

D. 9

E. 10

2. There are seven blocks in a box.

By sliding the blocks you can make room for another block.

How many blocks in the box do you have to slide at least?



A. 1

B. 2

C. 3

D. 4

E. 5

What is ?

A. 2

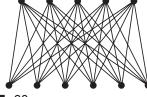
B. 3

C. 4

D. 5

E. 6

4. Tony has drawn lines from every point at the top to every point at the bottom. How many lines did Tony draw?



A. 11

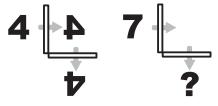
B. 25

C. 30

D. 36

E. 60

5. The digit 4 is reflected in two mirrors. The digit 7 is reflected the same way.



What should go in place of the question mark?

A. **L**

_B λ

c. **7**

D.

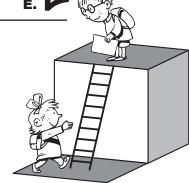
E.

6. A ladder has nine steps.

Lisa climbs from the bottom up and Tony goes from the top down.

They meet at one step. For Lisa, it is the third step.

How many steps did Tony go?



A. 3

B. 4

C. 5

D. 6

E. 7

7. Flies have six legs and spiders have 8.

Tony is looking at 2 flies and 3 spiders.

Lisa is watching 10 birds and a few cats, Tony and Lisa count the same number of legs.

How many cats does Lisa see?

A. 2

B. 3

C. 4

D. 5

E. 6

8. The height of the steps is 2 and the width is 5. What is the perimeter of this figure?

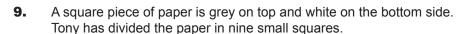
A. 7x5 + 4x2

B. 7x5 + 8x2

C.7x5 + 7x2

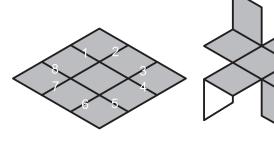
D. 8x5 + 8x2

E. 14x5 + 8x2



After that he cut and folded along a few lines.

Which lines did Tony cut?



A. 1, 3, 5 and 7

B. 1, 4, 5 and 8

C. 2, 3, 5 and 6

D. 2, 4, 6 and 8

E. 3, 4, 6 and 7

Which sum has the least outcome?

 $A.2 \times 0 + 1 \times 0$

B. $2 + 0 + 1 \times 0$

 $C.2 \times 0 + 1 + 0$

D. $2 + 0 \times 1 + 0$

E. $2 + 0 \times 1 \times 0$

Lisa has taken a number in mind. She divided it by 3, and then added 3 to the outcome. Finally, she multiplied the result by 3. She found 33.

What number did Lisa start with?

A. 4

B. 9

C. 14

D. 19

E. 24

12. Tony has to write the numbers 1, 4, 7, 10 and 13 in the boxes.

He adds the three numbers that are horizontally adjacent.

He also adds the three numbers that are vertically adjacent.

The two results should be the same. What is the largest result Tony could obtain?

A. 18

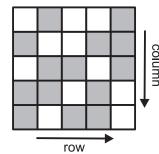
B. 20

C. 21

D. 22

E. 24

13. Lisa will turn a few white squares into black squares in the square alongside. She would like to have precisely one white square left in every column and in every row. [A row is from left to right; a column is from top to bottom.] How many white squares does Lisa have to turn into black squares?



E. that is not possible

C. 6

D. 7

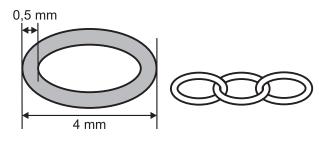
Five rubber bands lie on the table. Which rubber band has a knot?



15. A jeweler makes chains out of rings.

> You can see the measurements of these rings alongside.

> You can also see an example with three rings. How long is a chain of five rings?



A. 16 mm

B. 17,5 mm

C. 18 mm

D. 19 mm

E. 20 mm

A forty-page newspaper is made from 10 large sheets of paper. These lie on top of each other and are then folded in the middle. Page 5 is missing from mister Antonissen's newspaper. Which pages are also missing?

A. 6, 7 and 8

B. 6, 24 and 25

C. 6, 25 and 26

D. 6, 35 and 36

E. 8, 36 and 37

