

WereldWijde WiskundeWedstrijd
W4Kangoeroe

THURSDAY
MARCH 18TH 2021

WWW.W4KANGOEROE.NL

**Good luck and most of
all have fun.**

© Stichting Wiskunde Kangoeroe



calculators are not allowed



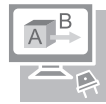
30 minutes for 12 questions (group 3)
60 minutes for 24 questions (group 4)
results and prizes will arrive at school at the end of May



only a pencil, an eraser and scribbling paper are allowed



answers will be posted on the website about March 29th



solutions will be posted on the website about April 20th

wizFUN
group 3 & 4 primary school



Breng Leren tot Leven
www.zwijzen.nl



www.e-nemo.nl



www.education.ti.com



www.smart.be



www.schoolsupport.nl



www.idpremiums.nl



www.mathplay.eu



www.ru.nl



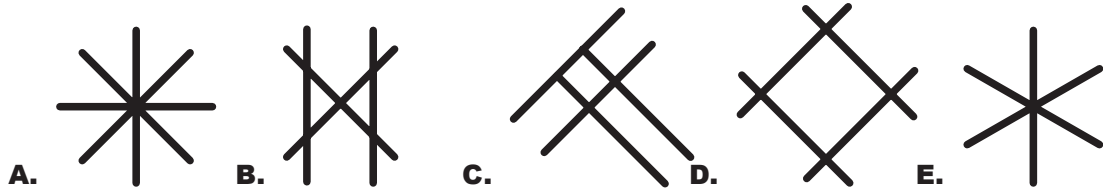
www.platformwiskunde.nl



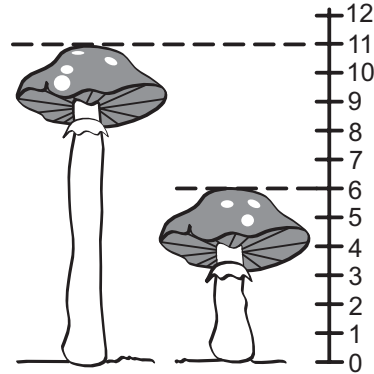
www.museumboerhaave.nl

1. *Julia* has 3 sticks.

Which shape could *Julia* make?



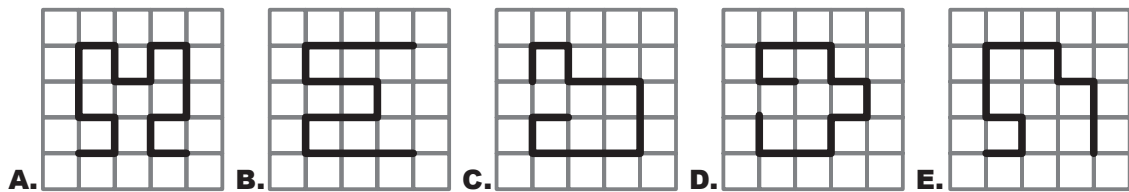
2.



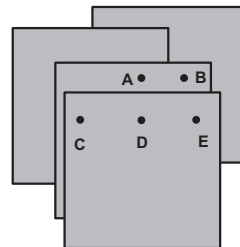
How much bigger is the longest mushroom?

- A. 4 B. 5 C. 6 D. 11 E. 17

3. Which path is the longest?



4. There are 4 sheets of paper on the table.
Michiel punches a hole through all 4 sheets.



At which point should he punch the hole?

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

5. *Inez* is wearing this T-shirt.
She is standing in front of a mirror.



What does *Inez* see in the mirror?

- A. 1S0S B. S0S1 C. 0S1S D. 1202 E. 1S0S

6. Tower A is taller than tower C.
Tower A is shorter than tower B.
Tower D is taller than tower B.

Which tower is the tallest?

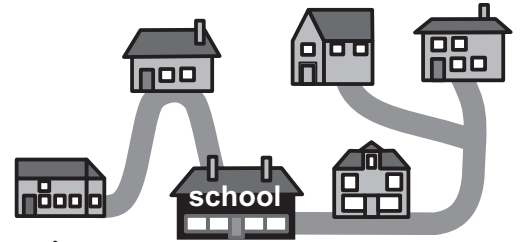
- A. tower A B. tower B C. tower C D. tower D E. you can not know

- 13.** *Julie and Louise played basketball.*
 Each goal scores 2 points.
Julie scored 5 goals.
Louise scored 9 goals.

How many more points than *Julie* did *Louise* get?

- A.** 4 **B.** 6 **C.** 8 **D.** 10 **E.** 12

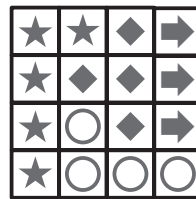
- 14.** The picture shows the houses of 5 friends and their school.
 The friends all go to school.
Ali and Doris walk past *Britt's* house.
Eva walks past *Cato's* house.



In which house does *Eva* live?

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

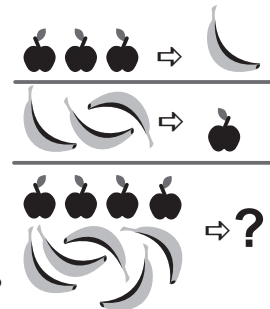
- 15.** Below are 5 puzzle pieces.
 With 4 of them you can make this square:



Which piece do you not use?

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

- 16.** If *Hennie* has 3 apples, she replaces them with 1 banana.
 If she has 3 bananas, she replaces them with 1 apple.
Hennie starts with 4 apples and 5 bananas.



What will she eventually end up with when she is done replacing?

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

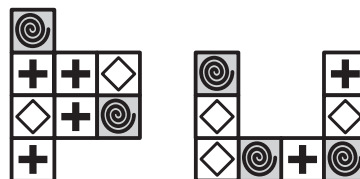
- 17.** The 5 cards on the right are put into 2 boxes.
 The numbers in the boxes are added.
 You will get the same answer for both boxes.



Which card is in the same box as card 4?

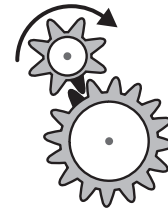
- A.** card 3 **B.** card 5 **C.** card 6 **D.** card 5 or 6 **E.** you can not know

- 18.** Which figure can you make with these 2 pieces?

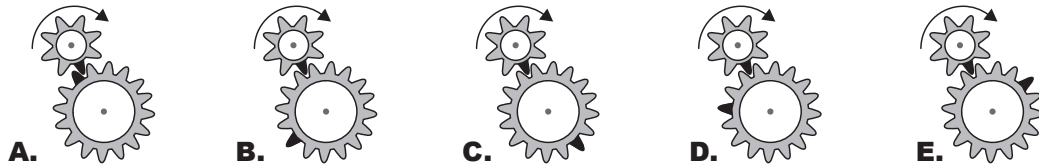


- A.** **B.** **C.** **D.** **E.**

19. The picture shows 2 cogs each with a black tooth.
The cogs start to turn.
They stop when the small cog made 1 full turn.



How do the cogs look after that?

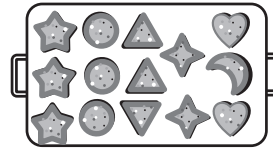


20. 3 girls and 2 boys want to dance.
Each time 1 girl dances with 1 boy for exactly 1 minute.
Each time there is only 1 couple on the dance floor.
Each couple dances only once.

For how many minutes were the girls and boys dancing?

- A. 5 B. 6 C. 8 D. 9 E. 10

21. The kids at the party baked cookies.
Each kid baked a tray of cookies as shown:



When they finished they ate a number of cookies.
After that the next plate of cookies is left:



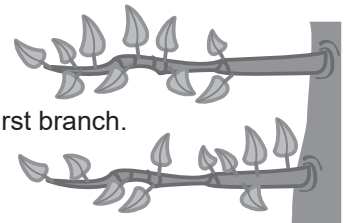
What is the smallest number of children that attended the party?

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

22. There are 2 branches with 10 leaves each.
Skippy eats some leaves from the first branch.

Then, from the other branch, *Skippy* ate as many leaves as were left on the first branch.

How many leaves are now left on both branches together?



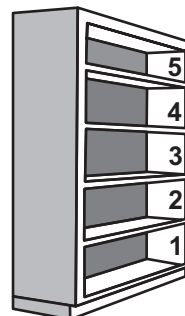
- A. 5 B. 6 C. 8 D. 10 E. 15

23. *Kangie* eats only fruit.
Every Monday, Wednesday and Friday she eats 2 apples.
Every Tuesday and Thursday she eats 3 mangoes.
On Saturdays and Sundays she eats nothing.

How many pieces of fruit does *Kangie* eat in 2 weeks?

- A. 12 B. 16 C. 18 D. 20 E. 24

24. *Stan* keeps his toys in this bookcase.
Each toy is on a different shelf.
His ball is higher than his blocks.
His ball is lower than his car.
His game computer is directly above the ball.



On which shelf can his puzzle not be placed?

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