

© Stichting Wiskunde Kangoeroe



calculators are not allowed



Only a pencil, an



eraser and scribbling paper are allowed



answers will be posted on the website about March 25th



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

solutions will be posted on the website about April 16th











www.sanderspuzzelboeken.nl









www.hp-prime.nl

■ID Premiums Relation www.idpremiums.nl



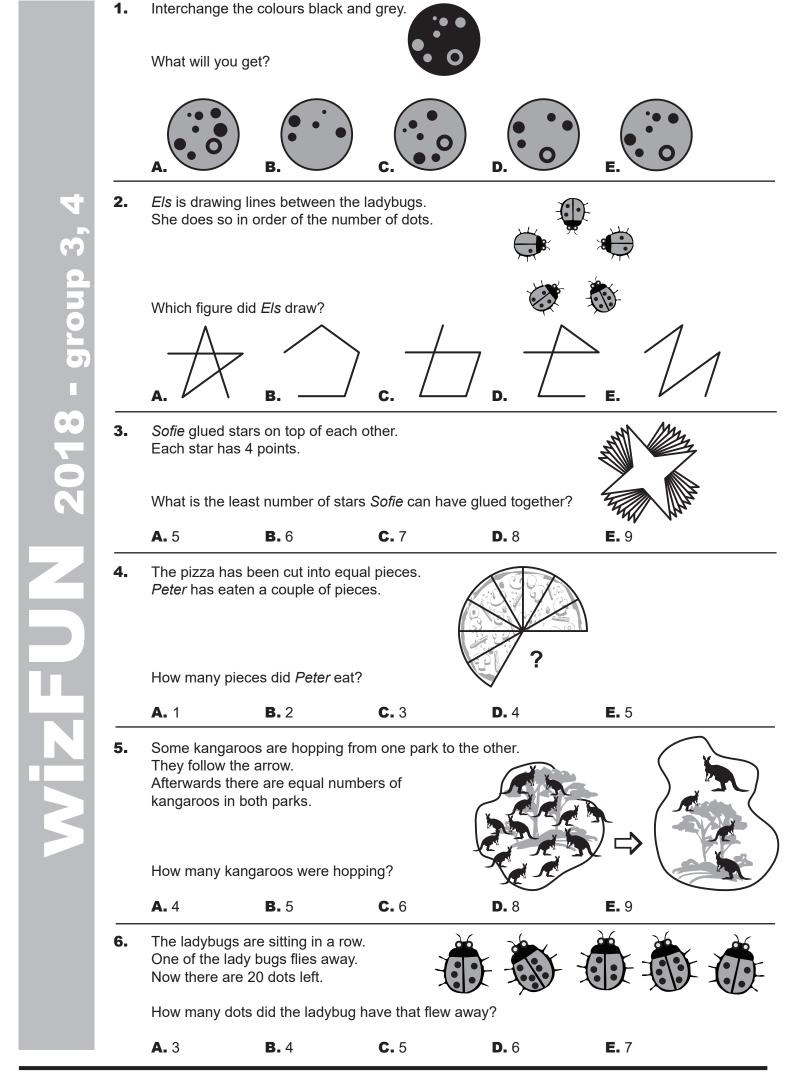






www.museumboerhaave.nl

wizFUN group 3 & 4 primary school



1.



A. 8

B. 10

C. 12

D. 14

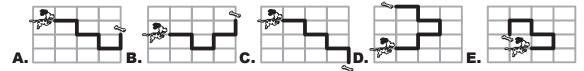
E. 16

7. Klaas builds towers. The first 5 have been drawn alongside. Klaas sticks to the pattern. What does tower 16 look like? 8. Ibrahim made a tower out of wooden discs. The tower looks like this from the side (see picture). He looks at the tower from above. How many discs will *Ibrahim* see? **A.** 1 **B.** 2 **C.** 3 **D.** 4 **E.** 5 9. Madam Mikmak has a pile of brooms. She takes the brooms away one by one. She does this each time in such a way that the other brooms do not move Which will be the last broom taken away by Madam Mikmak? **A.** 1 **B.** 2 **C.** 3 **E.** 5 **D.** 4 **10.** These are 2 glass plates with a drawing on each. Amira places them exactly on top of each other. What does she see? **11.** *Peter* draws the same pattern twice, one next to the other. Now he draws the same pattern again, next to the last one. Through which point will his drawing go then? A. A **B.** B C. C D. D **E.** E **12.** *Diana* has shot arrows 3 times. The first time she got 6 points. The second time she got 8 points. How many points did she get the third time? 6 points 8 points

13.	Sira has 4 puzzle pieces.		355
	She will lay this puzzle.	1	
	Which piece will not be used	5 5	
	A. 1 B. 2 E. she needs all four pieces	C. 3	D. 4

14. The dog walks to its bone. It took 3 right turns and 2 left turns.

Which path did the dog walk?



15. In the figure *Jet's* hands have been drawn a couple of times.



How many times can her right hand be seen in the figure?

A. 3

B. 4

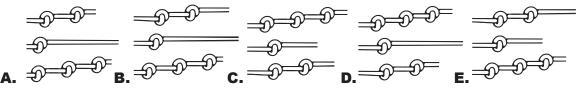
C. 5

D. 6

E. 7

16. *Karlijn* has cut a thick rope in 3 pieces. The pieces have the same length. Then *Karlijn* made knots in each piece. All knots are the same.

Which figure shows the 3 pieces of rope with the knots?



17. A pirate has 2 treasure chests.

The first treasure chest contains 10 euros.

The second treasure chest is empty.



Each day he throws 1 euro in the first treasure chest and 2 euros in the second treasure box.

After how many days do the 2 treasure boxes contain the same number of euros?

A. 5

B. 8

C. 10

D. 12

E. that will never happen

18. Every ice cream costs 1 euro. When you buy 6 ice creams you will get a discount. 6 ice creams together cost 5 euro only.

You want to buy as many ice creams as possible.

How many ice creams can you buy then for 36 euros?

A. 30

B. 36

C. 42

D. 43

E. 45

19.	Carl writes down numbers. Each number has different digits (so 88 is not allowed). The numbers are greater than 10. The numbers are smaller than 25. Carl can only use the digits 2, 0, 1 and 8. Carl writes down all numbers that are allowed.							
	How many numbers does Carl write down?							
	A. 4	B. 5	C. 6	D. 7	E. 8			
20.	It is going to rain. 30 gnomes want to take shelter underneath the mushrooms. Under each mushroom as many gnomes can take shelter as there are dots on the mushroom. In the figure you see the front of the mushrooms. Each mushroom has the same number of dots on the back and on the front. There is one mushroom with an odd number of dots.							
	How many gnomes will get wet?							
	A. 2	B. 3	C. 4	D. 5	E. 6			
21.	Mira has 3 sheets of white paper. She also has 2 sheets of yellow paper. And she has 2 sheets of blue paper. She cuts all sheets that are not blue in two. After that she cuts all sheets that are not white in two.							
	How many pieces of paper does <i>Mira</i> have now?							
	A. 14	B. 16	C. 17	D. 18	E. 20			
22.	Each little stick is 5 cm long and 1 cm wide. The fence is shown alongside.							
	How long is the	tence?	⊢	?				
	A. 20 cm	B. 21 cm	C. 22 cm	D. 23 cm	E. 25 cm			
23.	The road from <i>Anna</i> to <i>Maria</i> is 16 km long. The road from <i>Maria</i> to <i>John</i> is 20 km long. The road from <i>Maria</i> to the crossing is 9 km long. **Maria** **Maria							
	How long is the road from <i>Anna</i> to <i>John</i> ? Anna John							
	A. 7 km	B. 9 km	C. 11 km	D. 16 km	E. 18 km			
24.	Amal is buying toys. She looks at all the prices. She then notices:							
	A. Is the cheapest and is the most expensive							
	B. is the cheapest and is the most expensive							
	C. Is th	e cheapest and	is the m	ost expensive				
	D. Is th	e cheapest and	is the m	ost expensive				

E. Is the cheapest and is the most expensive