

© Stichting Wiskunde Kangoeroe



calculators are not allowed



Only a pencil, an eraser and scribbling paper are allowed



wizKID

group 5 & 6 primary school

answers will be posted on the website about March 25th

5		
	5	

(-)



you may use 50 minutes

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



Math Plus

www.mathplus.nl



www.hp-prime.nl

Relatiegeschenken & Promotieartikelen www.idpremiums.nl



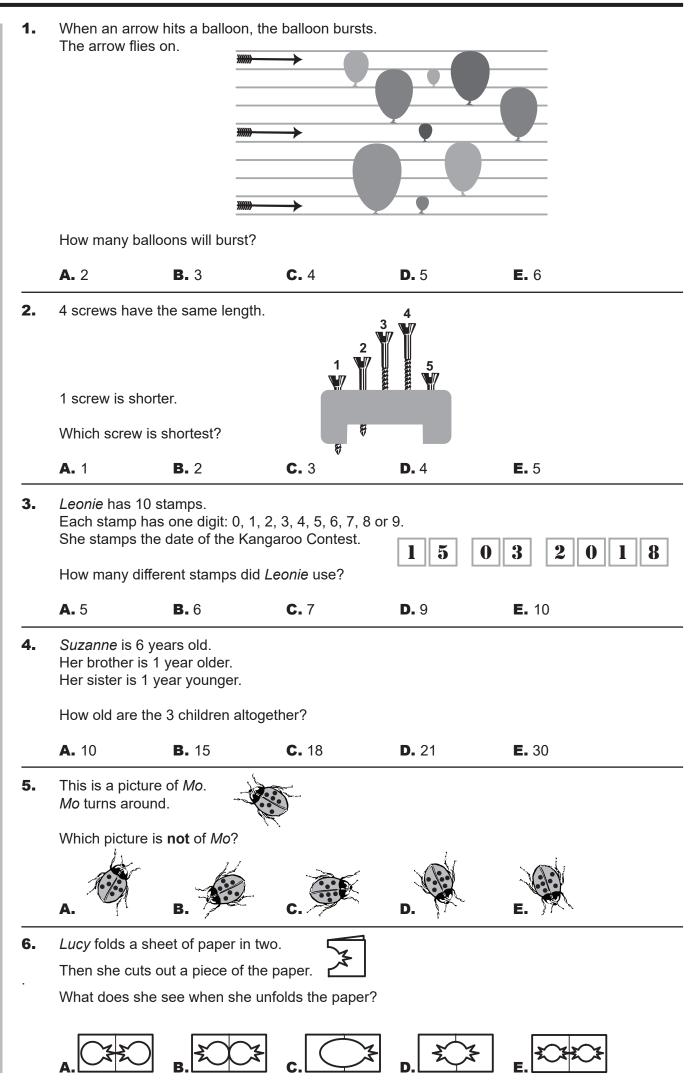
www.platformwiskunde.nl

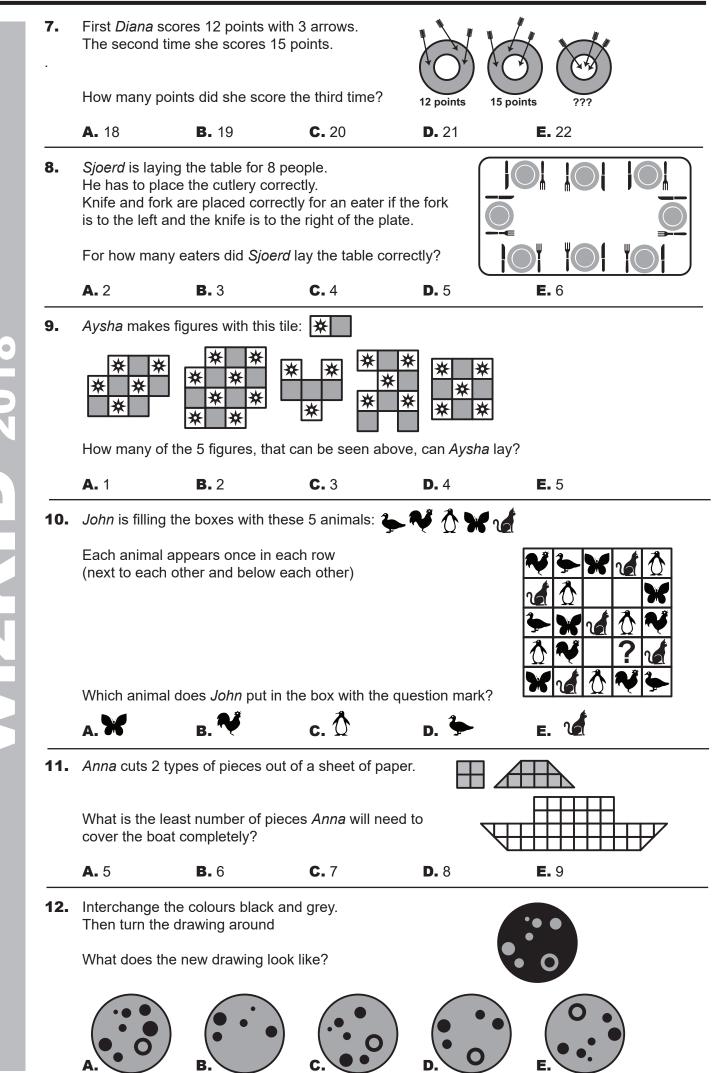


www.denksport.nl



www.museumboerhaave.nl





13.	<i>Petra</i> the rabbit has 20 carrots. She eats 2 carrots every day. She eats the twelfth carrot on Wednesday.						
	On which day did she eat the first carrot?						
	A. Monday	B. Tuesday	C. Wednesday	D. Thursday	E. Friday		
14.	Tessa makes the building we have drawn here.She glues the 10 blocks together.She paints the building, the bottom side too.Of how many blocks did Tessa paint exactly 4 faces?						
			C. 8		E 10		
45	A. 6	B. 7		D. 9	E. 10		
15.	There are 8 flowers in the garden . Butterflies and bees sit on the flowers. On one flower sits at most 1 animal. On more than half of the flowers sits an animal. The number of butterflies is twice the number of bees.						
	How many butterflies sit on the flowers?						
	A. 2	B. 3	C. 4	D. 5	E. 6		
16.	Captain <i>Cook</i>	sails from the isla	nd East along ever	y island back to t	he island East (see map).		
	Volcano 17 26						
	The total journey is 100 kilometers (km). The distance between Desert and Lake is the same as between East and Dune via Volcano.						
	What is it the c	distance from Eas	t to Lake?				
	A. 17 km	B. 23 km	C. 26 km	D. 33 km	E. 35 km		
17.	The rooms in the house are numbered. <i>Kangaroo</i> enters at the arrow. He goes through some rooms and then leaves the house. <i>Kangaroo</i> can only go to the next room if the number of that room is higher. Through which exit does <i>Kangaroo</i> leave the house? A B C D E						
	A. A	B. B	C. C	D. D	E. E		
40					••• L		
18.	4 balls weigh	10, 20, 30 and 40	grams.				
	Which ball weighs 30 grams?						
	A. A	B. B	C. C	D. D	E. could be A or B		

19. You can fasten the belt in the drawing in 5 different ways with 1 or more pins (see figure).

	The distance	between 2 pins i	s 2 cm.						
				belt is fix	red with one pin				
	→ 2 ←			00	000000				
Marjanne fastens the belt with 1 pin. Kees fastens the belt with 5 pins.									
	How many cm is Marjanne's belt longer than Kees's belt when the belts are fastened?								
	A. 5	B. 8	C. 10	D. 16	E. 20				
20.	In some old la	anguage the sym	bols 🕥 🗘 Å		sent the numbers 1,2,3	8,4 and 5.			
Nobody knew, in earlier days, which symbol represented which number. But now we kno									
	☆+☆= <	X Ø+3	ל=& א	;+€X=/					
	Which symbo	l represents the							
	A. 🕥	в. Ф	c. 🛆	D.	E. 🔿				
21.	 Martin turns over the coloured glass plate agan and again along the thick lines. In the figure you see the first turnover. 								
			\bigtriangledown						
	What is the position of the glass plate at the right hand side of the figure?								
	A.	в.	c.	D.	E.				
22.	The figure alo	ongside consists	of a number of sq	uares.					
How many little squares (the same size as the one with an x)									
	do you need t	o fill the complet	e figure?		x				
	A. 165	B. 176	C. 187	D. 198	E. 200				
23.		•	mbers 1 through 7		\square				
	Neighbouring	boxes are boxes	I not be in neighb s that share a side	e or a corner.		?			
For example: the numbers 2 and 3 cannot be neighbours. Which numbers can <i>Farisha</i> put in the box with the question mark?									
									A. each of the D. every ever
24.	<i>Joris</i> want to slay the dragon. He has to cut off all heads of the dragon. If he cuts off 3 heads, 1 new head appears immediately. <i>Joris</i> slays the dragon by cutting off 13 heads in total.								
	How many heads does the dragon have when <i>Joris</i> starts?								
	A. 8	B. 9	C. 10	D. 11	E. 12				