2008 





calculator not allowed

all have fun



scrap paper is allowed



15th April the answers will be on the website



wizSMART the Netherlands: 7 & 8 primary school and 1 & 2 vmbo, vmbo 3 & 4 basisberoepsgerichte leerweg Flanders: 5 & 6 primary school and bso 1st degree you may use 50 minutes

results and awards at school at the end of May

23th April the explanations will be on the website



www.zwiisen.nl



TECHNOPOLIS



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www.wiskgenoot.nl



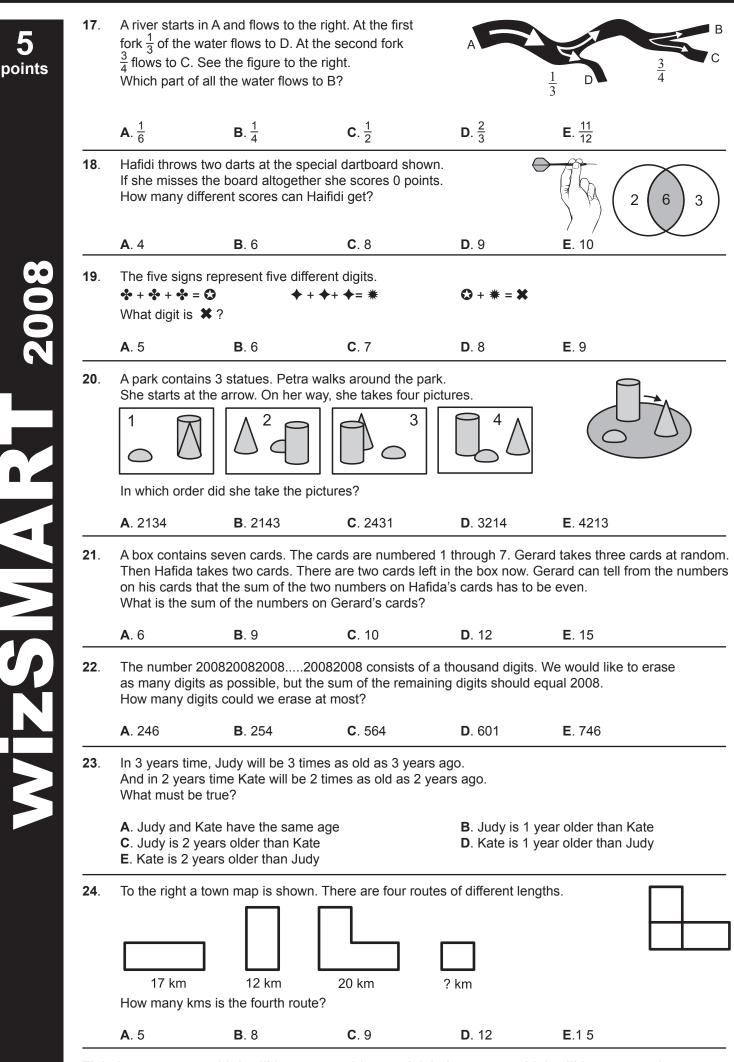






1.	Which answer is smallest?							
3	<b>A</b> . 2 x 0 x 0 x 8 =	<b>B</b> . 20 + 0 − 8 =	<b>C</b> . 2 + 0 + 0 + 8 =	<b>D</b> . 200 : 8 =	<b>E</b> . 200 – 8 =			
points 2.		x 2 x 3 x 3						
	What is ?							
	A. 2		<b>C</b> 4	D 6	<b>F</b> 0			
3.		<b>B</b> . 3 1 + 1 ♥ 1 - 2 = 100	C. 4	<b>D</b> . 6	<b>E</b> . 9			
	What does ¥ hav							
_	<b>A</b> . x	<b>B</b> . –	<b>C</b> . +	<b>D</b> . 0	<b>E</b> . 1			
4. 5008	The triangles may	overlap a bit.	e to make all kind of ossible for Elsie to n		$ \bigtriangleup \bigtriangleup $			
Ñ	$\sum$ <	$\bigcirc$	$\sum$					
	Α.	Β.	<b>C</b> .	D.	Е.			
5.	The numbers are If you add the nur If you add the nur What is the secret		number. , you will get 9. row, you will get 6.					
	<b>A</b> . 4	<b>B</b> . 5	<b>C</b> . 6	<b>D</b> . 7	<b>E</b> . 8			
6.	Of the following fla	ags, how many are	three-fifths black?	0	0			
5								
	<b>A</b> . 0	<b>B</b> . 1	<b>C</b> . 2	<b>D</b> . 3	E. 4			
S N N T	move exactly one	little cube. The con	te out of five little cu struction may be tu s impossible to mat	rned around.	owed to			
	Α.	В.	<b>C</b> .	D.	Е.			
8.	The figure shows One of them is inc Which number sh	× 4 5 20 7 28	0 15 35 63					
	<b>A</b> . 36	<b>B</b> . 42	<b>C</b> . 54	<b>D</b> . 56	<b>E</b> . 65			

	9.	Fiona made som	e snowballs. She n	ow joins a snowhall	l fight						
<b>4</b> points	5.	Fiona made some snowballs. She now joins a snowball fight. During the fight she makes 17 more snowballs and she throws 21 snowballs. After the fight Fiona has 15 snowballs left. How many snowballs did she make before the fight?									
		<b>A</b> . 18	<b>B</b> . 19	<b>C</b> . 23	<b>D</b> . 33	<b>E</b> . 53					
	10.	Gerard puts a number of matches on the table, making the ends meet. This way he forms a triangle. With how many matches will Gerard fail to do this?									
		<b>A</b> . 3	<b>B</b> . 4	<b>C</b> . 5	<b>D</b> . 6	<b>E</b> . 7					
80	11.	Below you see five buckets with letters. Alex gets letters out of the buckets. He would like to keep one letter in every bucket. These have to be five different letters. Which letter remains in bucket 2?									
2008		a c b e d 1	b c e d 2	b e 3		c b 5					
		<b>A</b> . a	<b>B</b> . b	<b>C</b> . c	<b>D</b> . d	<b>E</b> . e					
	12.	Figure 1 shows a construction consisting of white and black stones. Every layer consists of one single colour. Figure 2 shows the building right from above. How many white stones does the building contain?									
		<b>A</b> . 9	<b>B</b> . 10	<b>C</b> . 12	<b>D</b> . 13	<b>E</b> . 14					
$\geq$	13.	Ismael wants to put all of his CDs in one rack. There is no room for one third of his CDs. These CDs he puts in three small cases. Each case will store 7 CDs, but then there are still 2 CDs left. How many CDs does Ismael have?									
		<b>A</b> . 21	<b>B</b> . 23	<b>C</b> . 46	<b>D</b> . 63	<b>E</b> . 69					
NIN	14.	A square and a triangle together form a pentagon. The square and the triangle have the same perimeter. What is the perimeter of the pentagon in cm? 4 cm									
		<b>A</b> . 12	<b>B</b> . 24	<b>C</b> . 28	<b>D</b> . 30	<b>E</b> . 32	★				
	15.	A number of child Nowhere two em	Around a round table 60 chairs are arranged. A number of children are sitting around this table. Nowhere two empty chairs are next to each other. What is the least number of children for which this is possible?								
		<b>A</b> .10	<b>B</b> . 20	<b>C</b> . 30	<b>D</b> . 40	<b>E</b> . 50					
	16.	You want to move a pawn across this board. The pawn has to be at every square exactly once. You may only move the pawn horizontally (↔) or vertically (♀). Starting at which squares will you be able to manage?									
		<ul> <li>A. Only at the ce</li> <li>C. At a white squ</li> <li>E. At every squa</li> </ul>	lare	<b>B</b> . At a corner sq <b>D</b> . At a gray squa							



Tick the answer you think will be answered best and tick the one you think will be answered worst.