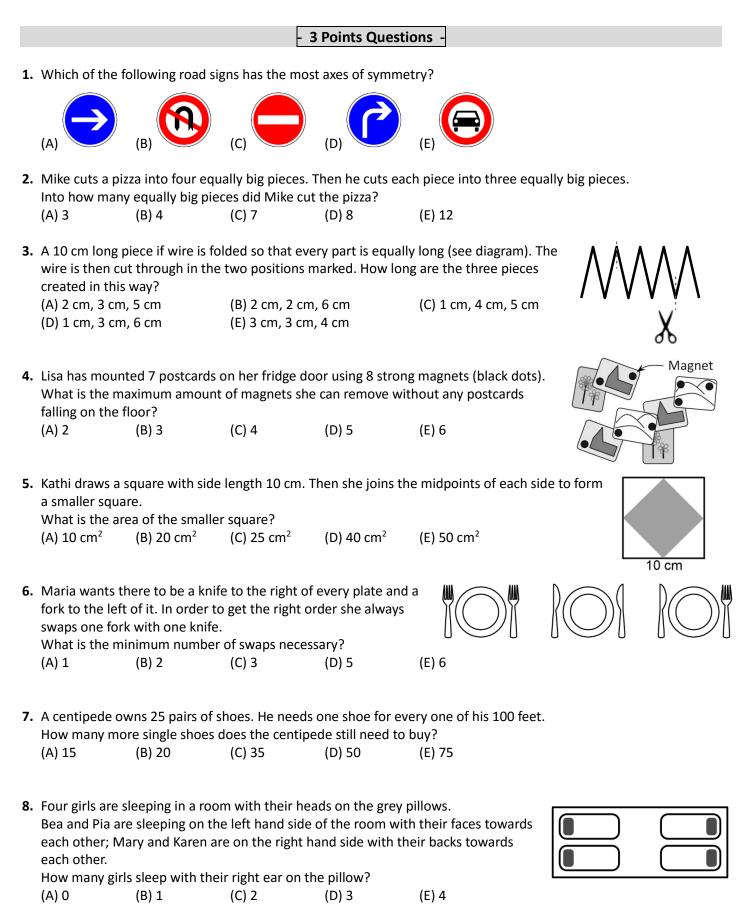
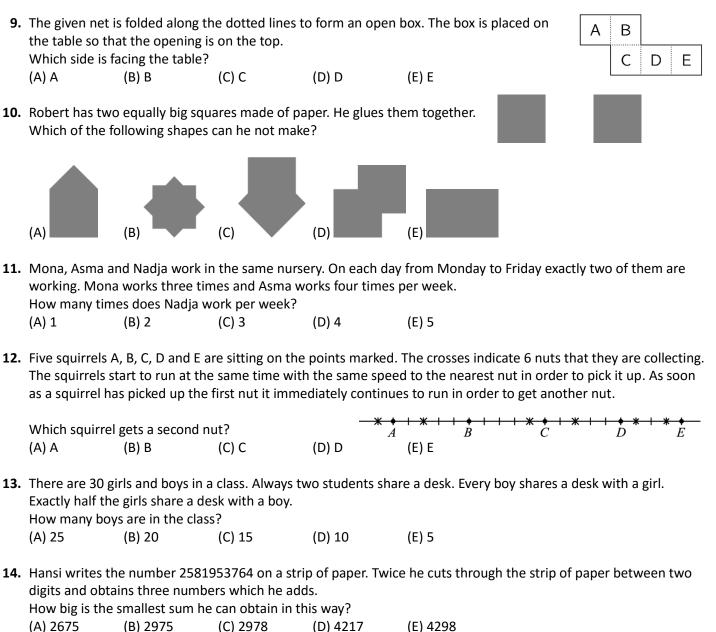
## Känguru der Mathematik 2016 Level Benjamin (Grade 5 and 6) Österreich – 17. 03. 2016

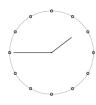




## - 4 Points Questions -



**15.** Bart sits at the hairdressers. In the mirror he sees a clock as shown in the diagram: What was the mirror image of the clock 10 minutes earlier?



0 0	0 0	0 0	0 0 0	0 0 0
(A) (E				
(A) (E		.) ~~ (D)	(E	

**16.** What is the maximum number of such pieces
 that can be cut from a 5 x 5 square?

 (A) 3
 (B) 4
 (C) 5
 (D) 6
 (E) 7

			-	5 Points Quest	tions -				
L <b>7</b> .	Tim, Tom and	Jim are triplet				All four are having their birthdays			
	today.	·		,	, , ,	с ,			
	How old can t	he four brothe	rs be altogether						
	(A) 53	(B) 54	(C) 56	(D) 59	(E) 60				
.8.	Richard writes down all numbers that have the following properties: The first digit is 1. Each of the following digits is at least as big as the previous one. The sum of the digits is 5.								
	-		n Richard write o		<i>(</i> _) _				
	(A) 4	(B) 5	(C) 6	(D) 7	(E) 8				
.9.	added so that parallel to the three rectangl	their centres a rectangle (see es is 20 cm.	gle ABCD is 30 cr are in the corner e diagram). The s arder of the sha	s A, B and D and sum of the perin	I their sides are neters of these				
				- (	,.				
	(A) 50 cm	(B) 45 cm	(C) 40 cm	(D) 35 cm	(E) This can	not be calculated.			
	then he has 4 How many tab (A) 8			(D) 14	(E) 16				
21.	She has alread	ly put some tri	made up of iden iangles together er of little triang	(see diagram).	2				
	(A) 5	(B) 9	(C) 12	(D) 15	(E) 19	$\vee$ (7)			
22.	into the remai the pentagon	ning circles so is always the s	into 5 of the 10 that the sum of ame. re to write into th (C) 11	the three numb	ers along every				
23.	If the digits of If the digits of Which digit is	the number C the two-digit represented b	у ○?	, you receive the e added, you rec	eive the single-	ber □◇. digit number □.			
	(A) 4	(B) 5	(C) 6	(D) 8	(E) 9				
24.	-		•	different digits.	The first digit o	f the second number is twice as big a			
	-		iber. (Note: 0 is a ible sum of the t (C) 537	-	annot be the fir (E) 552	st digit of a number!)			