Winter 2018./2019.

SCHOOL	
TEAM NUMBER	
CATEGORY	**D, 3rd year**
COMMISSIONER	

	Student's name and surname	Year	Mentor's name and surname
1.			
2.			

ANSWERS:

3RD YEAR					
3.1.		3.6.		3.13.	
3.2.		3.7.		3.14.	
3.3.		3.8.		3.15.	
		3.9.		3.16.	
				3.17.	
				3.18.	
				3.19.	
				3.20.	

I ♥ MATematika

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CORRECT ANSWER: 10 pts	ANSWER „E" : 0 pts	FALSE ANSWER: –2 pts

3.1. Steve solved all tasks from the fifth to the eighteenth task at the autumn round of the MAT league. How many tasks did he solve?

A.	B.	C.	D.	E. We don't want to answer
13	12	14	11	

3.2. From the sum of numbers 456 and 123 subtract their difference, and then half the result. Which number did you get?

A.	B.	C.	D.	E. We don't want to answer
256	156	246	123	

3.3.In the tenth village, the happy team of Elementary school Antuntun has an unusual mind. At the first round of MAT league the third graders scored 132 and 197 points, and the fourth graders scored 164 and 129 points. How many points did the third graders score more than the fourth graders?

A.	B.	C.	D.	E. We don't want to answer
66	34	36	54	

CORRECT ANSWER: 20 pts	ANSWER „E" : 0 pts	FALSE ANSWER : –4 pts

3.6. How many two digit numbers exist whose units digit is double the amount of the tens digit?

A.	B.	C.	D.	E. We don't want to answer
8	4	5	10	

3.7. When a brother gave his sister 6 candies, they both had the same amount. How many more candies did the brother have before?

A.	B.	C.	D.	E. We don't want to answer
6	3	12	Can't be determined	

3.8. The sum of the age of mom, dad and their son Luke is 74. What will be the sum of their ages in five years?

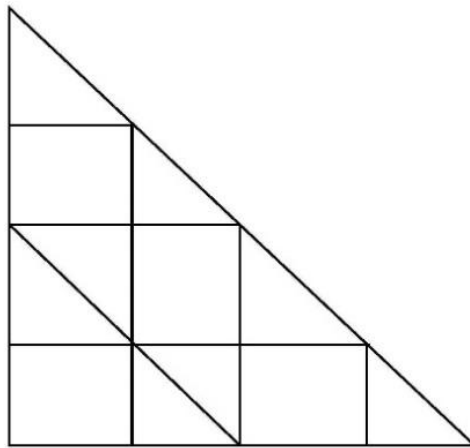| A.	B.	C.	D.	E. We don't want to answer
84	89	79	Can't be determined	

3.9. In a bowl there are little balls that are numerated from 1 to 45. One by one, the balls are being taken out of the bowl. What is the minimum amount of balls we have to draw to make sure the number drawn is two digit?

A.	B.	C.	D.	E We don't want to answer
10	9	11	Can't be determined	

CORRECT ANSWER: 30 pts	ANSWER „E" : 0 pts	FALSE ANSWER : –6 pts

3.13. How many triangles do you see in the picture?

A.	B.	C.	D.	E. We don't want to answer
8	12	13	14	

3.14. Domino blocks are small, rectangular and dividied into 2 squares which are either empty or have from one to six dots. How many different domino blocks are there that have a total of six dots?

A.	B.	C.	D.	E. We don't want to answer
3	4	2	6	

3.15. Jenny has written all odd numbers from zero to one hundred. How many times did she write the digit 5?

A.	B.	C.	D.	E. We don't want to answer
9	10	11	15	

3.16. Manny rolled a dice(whichs sides are marked with 1 to 6 dots) and wrote down the results. In five rolls the sum of all the dots was seven. How many times did he roll a one?

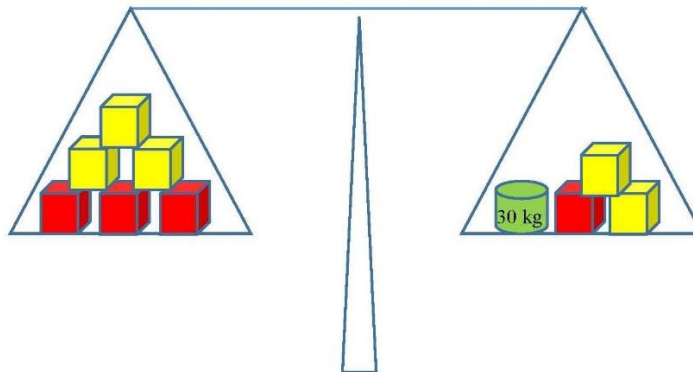| A.	B.	C.	D.	E. We don't want to answer
1 ili 2	2 ili 3	3 ili 4	4 ili 5	

3.17. Mark has collected 92 stickers. If the number of stickers with an even number is three times the number of stickers with an odd number, how many more odd numbered stickers than even numbered sticers does he have?

A.	B.	C.	D.	E. We don't want to answer
61	53	46	Can't be determined	

3.18. On a magical island a three headed dragons, and a two headed dogs met up. There was more dragons than dogs, and in total there were 19 heads. How many dragons and dogs met up?

A.	B.	C.	D.	E. We don't want to answer
6	7	8	Can't be determined	

3.19. On one side of a scale there are three red and tree yellow blocks, and on the other side there is one red block and two yellow blocks and a 30kg weight. The red blocks are heavier than the yellow ones. How heavy is the red block if the scale is balanced?

A.	B.	C.	D.	E. We don't want to answer
10 kg	15 kg	5 kg	Can't be determined	

3.20. Ana likes to allign tiles and this time she has two square shaped tiles:blue ■ and pink ■. How many different combinations are there if the bord has two rows and collumns.

A.	B.	C.	D.	E. We don't want to answer
6	8	10	12	