Autumn Round 2019./2020.

SCHOOL	
TEAM NUMBER	
CATEGORY	**Year 3**
COMPETITION COMISSIONER	

NO.	FIRST AND LAST NAME OF PARTICIPANT	YEAR	FIRST AND LAST NAME OF MENTOR
1.			
2.			

ANSWERS:

YEAR 3					
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 POINTS	ANSWER „E“: 0 POINTS	ELSE: –2 POINTS

3.1. If every member of a four-member team solves an equal number of tasks in the MAT 4-league from a total of 40 tasks, and each tasks is solved by one member of the team, how many tasks will be solved by the youngest member of the team?

A.	**B**.	**C**.	**D**.	**E**. We do not wish to answer
10	20	5	15	

3.2. The shortest line that connects two points in a plane is:

A.	**B.**	**C.**	**D.**	**E.** We do not wish to answer
Straight	A polyline	Curved	Dashed	

3.3. Which of the following statements is incorrect?

A.	**B**.	**C**.	**D**.	**E**. We do not wish to answer
4 tens = 40 ones	3 tens < 5 ones	5 tens > 5 ones	1 ten > 9 ones	

CORRECT ANSWER: 20 POINTS	ANSWER „E“: 0 POINTS	ELSE: –4 POINTS

3.6. Antonio is 4 years older than Luka. In 13 years, how many years older than Luka will Antonio be?

A.	**B.**	**C.**	**D.**	**E.** We do not wish to answer
30	4	17	8	

3.7. What is $11+12-13+14-15+16-17$?

A.	**B**.	**C**.	**D**.	**E**. We do not wish to answer
14	9	8	25	

3.8. Annie’s and Mary’s ages add up to 34 years. What was the sum of their ages 12 years ago?

A.	**B**.	**C**.	**D**.	**E**. We do not wish to answer
10	22	34	13	

3.9. In Leo’s yard, there are two trees. Each tree has 6 branches, and, on each branch, there are three birds. How many birds are there on the trees in Leo’s yard, after 4 birds from one tree fly over on to the second tree?

A.	**B**.	**C**.	**D**.	**E**. We do not wish to answer
36	32	68	72	

CORRECT ANSWER: 30 POINTS	ANSWER „E“: 0 POINTS	ELSE: –6 POINTS

3.13. How many times will the big hand coincide with the small hand from 12:15 till 23:15 in one day?

A.	**B**.	**C**.	**D**.	**E**. We do not wish to answer
10	9	11	12	

3.14. Jura wants to bring 32 playing pieces to his friend. He must place the pieces into boxes. If he can choose boxes that can fit 6 pieces and boxes that can fit 8 pieces, what is the smallest number of boxes he must bring?

A.	**B**.	**C**.	**D**.	**E**. We do not wish to answer
4	5	6	It cannot be determined	

3.15. Three scoops of ice cream cost as much as two chocolate bars, and one chocolate bar costs as much as two packs of candy. If Jakov paid 36 kn for six bags of candy, how much would he pay for two scoops of ice cream?

A.	**B**.	**C**.	**D.**	**E**. We do not wish to answer
14 kn	2 kn	10 kn	16 kn	

3.16. The houses on the right side of Ivana's street are labelled with even numbers from 14 to 56. How many houses are there on that side of the street?

A.	**B**.	**C**.	**D**.	**E**. We do not wish to answer
43	42	21	22	

3.17. Mia solves two Maths problems each Monday, Wednesday and Friday, and she solves three Maths problems each Tuesday and Thursday. If Mia started solving Maths problems on Wednesday, on which day of the week will she solve the 19^{th} problem?

A.	**B**.	**C**.	**D**.	**E**. We do not wish to answer
Thursday	Friday	Monday	Wednesday	

3.18. Janie picked 13 strawberries, her sister Evie picked three more strawberries, and their brother Georgie picked twice as many as Janie. How many strawberries did they bring home if each of them ate two strawberries on the way home?

A.	**B**.	**C**.	**D**.	**E**. We do not wish to answer
More than 50	43	49	Less than 40	

3.19. While preparing for school Mary must pick one of three skirts (green, blue or white), one of five shirts with different cartoon characters (Simba, Garfield, Minnie, Sponge Bob, or Olaf) and wear either shoes or sneakers. If Mary wants to go to school in a different combination each day, for how many days can she do that?

A.	**B.**	**C**.	**D**.	**E**. We do not wish to answer
10	15	30	21	

3.20. In the first group of 5 tasks of the MAT 4-league, for each correct answer you get 10 points and for each incorrect answer you lose 2 points. If a team gave answers on all 5 tasks and got 14 points, to how many tasks did they give an incorrect answer?

A.	**B**.	**C**.	**D**.	**E**. We do not wish to answer,
2	1	3	4	