

Appendix 1

Questions to interactive crossword

1. Calculate $89 \cdot 81$.
2. Calculate $62 \cdot 68$ and code consecutively digit of hundreds, tens and ones.
3. Choose the right answer. Number $105 \cdot 105$ equals:
 - a) 10025,
 - b) 11025,
 - c) 12125,
 - d) 12025.
4. Choose the right answer. Expression value $74 \cdot 34$ totals:
 - a) 2116,
 - b) 2616,
 - c) 2216,
 - d) 2516.
5. Give me value of bigger number: $28 \cdot 88$, $46 \cdot 44$.
6. Which number smaller than 1000 has in Roman system the biggest amount of digits?
7. Give me an example of number smaller than 100 having in Roman system exactly seven digits.
8. Choose from numbers below a number which can be divided by 7.
 - a) 134,
 - b) 985,
 - c) 987,
 - d) 189,
 - e) 135.

A student fills the interactive table in within 5-10 minutes (time established depending on the age and educational possibilities of a student). After time finishes, the crossword is confirmed (in case of correct scores) or detonated (in case of wrong answers).

1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					



Appendix 2.

Answers

1.	7	2	0	9	
2.	4	2	1	6	
3.	1	1	0	2	5
4.	2	5	1	6	
5.	2	4	6	4	
6.	8	8	8		
7.	8	7			
8.	9	8	7		

If the test is easy for you and solving it brings you a lot of pleasure, you like acting under pressure, you quickly learn new things, skilfully perform calculations in memory, you will be good at occupations, in which Maths is crucial.

You have predispositions in occupations like financial analyst, accountant, financial advisor, statistician or in technical industry.