

### Topics from the Online IBCOM Test (math level 1)

On the website you can find a [file listing all the topics](#) of the usual Entrance Exam for IBCOM. From this file, the following topics will not be included in the online Entrance Exam:

- Combinatorics
- Probability
- Measures of Center (mean, median and mode)
- Questions
- Populatie- en Rente-vragen als toepassing van exponentiele groei.
- Derivatives

The main focus of the online test of level 1 will be on the following topics:

- Algebra: addition, subtraction, multiplication, division and rewriting of formulas with fractions, radicals (roots) and/or exponents (both with and without variables)
- Expanding brackets
- Factorizing (introducing brackets)
- Formulas of straight lines
- Systems of two linear equations
- Solving second-degree equations
- Matching of graphs with functions (linear, quadratic, quotient, and radical functions). Examples of quotient functions:  $f(x) = 5/x$  or  $g(x) = (2x-4)/(3-x)$ . Example of a radical function:  $h(x) = 3\sqrt{4x-5} + 4$