



SmartCo Olympiad

Category 2 (Grades 5–6)

Total questions: 30
Math Olympiad Syllabus

Section A: Geometry

A1 - Plane geometry	A2. Geometry - solid geometry
<ul style="list-style-type: none">- Points, lines, segments, circles, (special) triangles and (special) quadrilaterals- Symmetry- Perimeter and area of squares, rectangles and right triangles	<ul style="list-style-type: none">- Only problems in solid geometry that allow an intuitive approach

Section B: Numbers and Algebra

- Calculations with natural numbers
- Recognizing multiples of 2, 3, 5, 9 and 10
- Very easy calculations with positive rational numbers (fractions or decimals)
- Algebraic thinking without the use of formal algebraic notation
- Counting problems that do not involve any formulas
- Problems about decimal number system
- Easy problems with order between numbers (integers, decimal, fractions) and links with their representations (on graduate line, surfaces, ...)
- Very easy problems with percentages
- Metric system (length, weight, area, volume, temperature, time)
- Problems using time, distance and/or velocity

Section C: Logic

- Logical problems that can be solved in a limited number of steps or by analyzing a limited number of cases or hypotheses