



## Experimental mathematics

EQ356A

### Function

Intended to study the relations between angles formed by parallel lines intersected by a transverse line, ratios, proportions and similar triangles, inverse proportion and 1st degree equation, measurements of sine, cosine and tangent values, open and closed polygonal lines, polygons, perimeters and areas of planer figures, trigonometry, angular properties of triangles, trigonometry fundamentals, trigonometric fundamentals relations and ratios in a right triangle, Pythagorean theorem, metric relation between the sides of a right triangle and metric relations in any triangle, square special product of the sum of two terms, rule of square special product of the sum of two terms, square special product of the difference of two terms, rule of square special product of the difference of two terms, degree, radian, quadrants and their conversions, trigonometric cycle, angle measurement units, sine, cosine and tangent in the trigonometric circle, fundamental relation of trigonometry,

### Knowledge areas

Mathematics

### Level

Elementary school

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