

## MATHEMATICS

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### Grades 5-10 (Ages 10-16)

1. Natural numbers
2. Divisibility
3. Integers
4. Fractions
5. Decimal numbers
6. Linear equations
7. Polynomials
8. Equations and first degree systems
9. Systems of measurement
10. Fundamental concepts of plane geometry
11. Perimeter and area
12. Thales' theorem and the pythagorean theorem
13. Circumference and circle
14. Space geometry
15. Volume and area of geometric bodies
16. Proportionality
17. Tables, graphs and functions
18. Statistics
19. Real numbers
20. Powers and radicals
21. Logarithms
22. Second degree equations
23. Polynomials
24. Inequalities
25. The affine function
26. The parabola
27. Functions
28. Polygonal chains and polygons
29. Perimeter and area
30. Trigonometry
31. Vectors
32. Combinatorics
33. Probability