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Yann GEFROTIN certification validation on ALISON | Diploma in Mathematics

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Certificate Number: AC-266-730067

This ALISON Certificate validation page proves the authenticity of the certificate provided to our learners.

ALISON Certificate which Yann has completed to the certification standard (generally 80% average across all quizzes and tests, plus all learning objects completed) appear below.

If you cannot find the certificate with the provided number, then the certificate may not be authentic. Please report any such instance to info@alison.com.



Name: Yann GEFROTIN
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Country: France



Certificate Details



Diploma in Mathematics

(85% quiz score)

Course Details

The free online Diploma in Mathematics course from ALISON gives you a comprehensive knowledge and understanding of key subjects in mathematics. This course covers calculus, geometry, algebra, trigonometry, functions, vectors, data distributions, probability and chance, and statistics. Qualifications in mathematics are in great demand from employers and this Diploma course will greatly enhance your career prospects.

Modules and Topics Studied

- ➔ Introduction to triangles
- ➔ Angle types
- ➔ Angle sizes and sums in triangles
- ➔ Triangles - Similarity and congruence
- ➔ Corresponding angles
- ➔ Introduction to quadrilaterals
- ➔ Quadrilaterals
- ➔ Introduction to polygons
- ➔ Polygons
- ➔ Geometrical solids
- ➔ Transformations
- ➔ Univariate data
- ➔ Univariate data 2
- ➔ Bivariate data
- ➔ Summary statistics
- ➔ Range
- ➔ Symmetry
- ➔ Calculating a seasonal index
- ➔ Coefficient
- ➔ Regression line
- ➔ Non-linear data
- ➔ Residual analysis
- ➔ Trends
- ➔ Arithmetic sequences
- ➔ Arithmetic series
- ➔ Geometric sequences
- ➔ Geometric series
- ➔ Difference equations 1
- ➔ Difference equations 2
- ➔ Difference equations 3

- ↳ Geometry
- ↳ Straight lines
- ↳ Graphs
- ↳ Power graphs
- ↳ Trigonometry 1
- ↳ Trigonometry 2
- ↳ Pythagoras and bearings
- ↳ Ratio and proportion
- ↳ Ratio and proportion gears
- ↳ Discrete random variables
- ↳ Normal distribution
- ↳ Binomial distribution
- ↳ Hypergeometric distribution
- ↳ Rules of integration
- ↳ Integration applications
- ↳ Rules of differentiation
- ↳ Applications of differentiation
- ↳ Factors of polynomials
- ↳ Straight line graphs
- ↳ Graphs of circular functions
- ↳ Inverse functions
- ↳ Logarithms and index laws
- ↳ The binomial theorem
- ↳ Creating a frequency table from data
- ↳ Differentiation - Product rule
- ↳ Antiderivatives
- ↳ Antiderivatives of circular functions
- ↳ Antiderivatives and their graphs
- ↳ Conics (ellipses and hyperbolae)
- ↳ Degrees and radians
- ↳ Inverse circular functions
- ↳ Polynomial equations
- ↳ Reciprocal function graphs
- ↳ Vectors in 2 and 3 dimensions
- ↳ Scalar products of vectors
- ↳ Symmetry and periodicity
- ↳ Trigonometric identities
- ↳ Differential equations
- ↳ Second derivatives
- ↳ Kinematics
- ↳ Motion
- ↳ Resolution of forces
- ↳ Vectors
- ↳ Vectors 2
- ↳ Introduction to Algebra
- ↳ Using Formulae 1
- ↳ Using Formulae 2
- ↳ Algebraic Expressions 1
- ↳ Algebraic Expressions 2
- ↳ Algebraic Fractions 1
- ↳ Algebraic Fractions 2
- ↳ Algebraic Fractions 3
- ↳ Terminology for Algebraic Expressions
- ↳ Binomial Expressions 1
- ↳ Binomial Expressions 2
- ↳ Binomial Expressions 3
- ↳ Completing the Square
- ↳ Perfect Squares
- ↳ Quadratic Trinomials
- ↳ Substitution into Algebraic Expressions
- ↳ Summary of Factorisation
- ↳ Summarising data
- ↳ Frequency and graphs
- ↳ Graphs of all kinds
- ↳ Introduction to probability
- ↳ Odds and probability
- ↳ Probability and relative frequency
- ↳ Assessment

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- How is ALISON Free?
- Who We Are
- Contact Us
- Careers

Individual & Group Learning

- Learning
- Certification
- Flash Testing
- Manager

Working with Us

- Publisher Programme
- Build a Business
- Advertise
- Referral Program

- Testimonials
- ALISON in your Country
- Frequently Asked Questions
- Add Us to Your Website

In Different Languages

- Benvenuti su ALISON Italia
- Witaj na platformie edukacyjnej
- Welkom na ALISON
- In Australia

Forums

- Discussion Forum
- Become a Fan on Facebook
- Follow us on Twitter

Advertising Banners

- Add Banner to Your Website

- Create a Training Group

Premium Services

- Technical Support

Training Subjects

- Business and Enterprise Skills
- Digital Literacy & IT Skills
- Financial & Economic Literacy
- Health & Safety & Compliance
- Health Literacy
- Personal Development & Soft Skills
- Diploma Courses
- English Language Skills
- Health & Safety (Irish Legislation Only)
- Schools Curriculum

- How You Can Help
- Donate
- Country Team Marketing
- Volunteer Resources

Publishers

- Advance Learning
- Bill Liao
- British Council
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