

CERTIFICATE OF COMPLETION DETAILS

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This is to certify that the management of Advance Learning has decided to award
(Yann GEFROTIN) living in (France) the certificate of completion in (Diploma in Mathematics) under
(Diploma Courses) subject on (31 July 2011).

Validation: You can check authenticity of this certificate by visiting this link:
<http://alison.com/cert/check/?id=266-730067>

Modules/Topics Studied (666 lessons/tutorials):

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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Director



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