

Mathematics

229 videos

Contracts of Square	60°, 30°, 90°, 45° Angles Series: Constructing Angles This programme shows students how to construct 60° and 90° angles using a	Year 2013	Rating E	Duration 00:04:26
Elk	compass and ruler and then how derive 30° and 45° angles by bisecting each of them respectively.			
Autor Johan at	Accuracy: Continuous Data Series: Numbers In this video, the teacher demonstrates how to identify the maximum and minimum possible values of a number that has been rounded, and how to identify upper and lower bounds for continuous data.	2013	E	00:06:13
B /	Accuracy: Discrete Data Series: Numbers	2013	Е	00:04:25
-	In this video, the teacher demonstrates how to identify the maximum and minimum possible values of a number that has been rounded, and how to identify upper and lower bounds for discrete data.			
TOV -	Adding a Constant Series: Transformation of Graphs	2013	Е	00:06:09
NI NO	This video shows students what adding a constant does to a graph. It shows the result of adding a positive or negative constant inside or outside the brackets of a parabola or cubic graph.			
	Algebra: A Piece of Cake - An Introduction to Algebra	2001	Е	00:31:02
	The programme covers the concept of a pronumeral, numerical substitution, algebraic conventions, developing algebraic rules from number patterns and simplifying expressions. What better place to begin			
	Algebra: The Basics	2011	Е	00:20:36
	This program explains the basic concepts of algebra including number patterns, pronumerals, algebraic expressions, order of operations and expanding and simplifying. The natural and city landscapes of			
N 19	Algebra: Volume 1 Series: Bill Nye's Solving for X	2009	E	00:17:32
Sign A	Concepts addressed in Solving for X: Algebra I, Volume 1: Variables - She called herself Y. Teary-eyed, one evening she appeared unannounced at his office, asking Detective Nye to uncover the true ide			
中一字十段	Algebraic Notation: Maths as a Foreign Language Series: Mathemania Series 4	2007	Е	00:26:44
#	Another winner in the Mathemania brand, this is a clear and concise explanation of algebraic notation. In this programme, we start with an introduction to algebraic notation then examine algebraic def			
V-X	Algebraic Variables and Index Laws	2014	Е	00:04:04
EN ADORA THE STATE OF THE STATE	This clip defines the mathematical concepts of constants and variables before going on to apply index laws to variables using positive integer indices and the zero index. Simplifying equations by addi			
Annual for Asset Asset?	Allied or Co-Interior Angles Series: Angles in Parallel Lines	2013	Е	00:02:21
	This video explains how allied or co-interior angles on parallel lines add up to 180 degrees. To identify them, students must identify a C shape on parallel lines and in finding that, they are able to			

Cons States description of the Constitution of	Alternate Angle Theorem Series: Circle Theorems	2013	Е	00:03:13
7	This programme showcases the trickiest circle theorem, the alternate angle theorem. The teacher uses the analogy of a sail boat to simplify the process.			
Arment has from	Alternate Angles Series: Angles in Parallel Lines	2013	Е	00:02:56
AND THE AND	This video demonstrates how to identify alternate angles by identifying a Z on parallel lines. In doing this, students are able to calculate the degrees of alternate angles.			
a - on terminant	An Introduction to Integration Series: Integration	2013	Е	00:07:57
	This video gives an introduction about the process of integration, which is the inverse process of differentiation. It shows how to obtain the equation of a curve though the equation of its gradient.			
9x +5 ≤ 80	Analysing Inequalities Series: Algebra for Students	2007	Е	00:23:57
A H	We hear inequality phrases like "more than," "less than" and "in between" all the time. Join our hosts in the world of algebra as they explore what these expressions mean and what it means to analyse			
	Angle at the Centre Is Twice the Angle at the Circumference Series: Circle Theorems	2013	Е	00:03:32
	This video demonstrates to students that the angle at the centre of a circle is twice the size of an angle at the circumference.			
Cont States States	Angle between a Radius and Tangent Is 90 Degrees Series: Circle Theorems	2013	Е	00:04:06
A A	In this video, the teacher demonstrates another circle theorem in which the angle between the radius and tangent equals 90 degrees through the use of triangles and algebra.			
Correction and passe	Angle Bisector Series: Constructing Angles	2013	E	00:02:54
	This programme shows one of the keys skills needed in geometrical construction. It teaches students how to bisect acute and reflex angles using a compass and ruler.			
Anna Pica se Anna Anna Anna Anna Anna Anna Anna Ann	Angles in a Polygon Series: Angles in Polygons	2013	E	00:04:38
	The angles of a triangle add up to equal 180 degrees. In this video, students are taught how to find the angles in a polygon by splitting the polygon into triangles. This creates the formula for findi			
Con linear days and	Angles in a Semicircle Equal 90 Degrees Series: Circle Theorems	2013	Е	00:03:12
	This programme introduces students to another circle theorem; that angles in a semicircle equal 90 degrees. These angles are made by placing a triangle in the semi-circle.			
B A A	Angles in a Triangle Series: Angles in Polygons	2013	Е	00:07:52
	This video introduces the three types of triangles; scalene, isosceles and equilateral. Students learn the properties unique to each of these triangles and how to identify them.			
	Angles in the Same Segment Are Equal Series: Circle Theorems	2013	Е	00:04:30
~	Continuing on from "Angle at the Centre Is Twice the Angle at the Circumference", this programme shows students how angles in the same segment are equal by identifying "butterflies" within circles.			

white It describes at a party of the party o	Applying the Differentiation of Trigonometric Functions Series: Differentiation	2013	Е	00:06:05
	This video shows how to use the rules of differentiating trigonometric functions to solve different problems.			
De Carre	Arc Length Series: Circumference and Area of a Circle	2013	Е	00:05:55
	This programme shows students how to calculate the arc length of a circle by using the circumference, radius, and .			
	Arc Length and Sectors Series: Circumference and Area of a Circle	2013	E	00:04:06
	In this programme, students are taught to remember and use the formula for the length of an arc. Students also learn the formula for the area of a sector in a circle.			
Cold for a long	Area of Sectors Series: Circumference and Area of a Circle	2013	Е	00:04:27
	In this video, students learn how to calculate the area of a sector of a circle using the angle provided, radius, and .			
Colic Aler or Server Communic	Area of Sectors (Advanced) Series: Circumference and Area of a Circle	2013	Е	00:06:32
	This video continues on from "Area of Sectors" providing a more advanced question where students are to find the area of a sector in a circle that is missing a segment.			
(A)	Area of Segments Series: Circumference and Area of a Circle	2013	Е	00:04:26
	A segment of a circle is found by drawing in a chord and then slicing off the smaller part of the circle. This programme shows students how to find the area of a segment of a circle.			
POLISONS	Basic Geometrical Ideas	2015	Е	00:23:46
• • •	This programme covers some of the core concepts of geometry. Students will learn about the features of parallel and intersecting lines, circles, triangles, and quadrilaterals.			
	Basic Index Laws: Games, Set, Match Series: Numbers and Algebra	2014	Е	00:05:06
	This video demonstrates how to use index notation to establish index laws with positive integral indices and the zero index. Using the example of Grand Slam tennis tournaments, our narrator constructs			
100-119-11	Basketballs, Parabolas and Circles Series: Numbers and Algebra	2014	Е	00:06:02
(3)=14(0+1) (3)=14(0+1) (3)=14(0 (4)=14(0)	There's a lot of geometry on a basketball court! This video explores the connection between algebraic and graphical representations of relations such as simple quadratics, circles and exponentials thr			
Account Sense Sensement for each feet of the op then for the sense of a basis of the feet of the sense of the sense for a sense time the sense for a sense time to	Bearings: Scale Diagrams Series: Geometry	2013	Е	00:05:33
The femality the said days and of the said and the said	Following on from 'Bearings: The Rules', this video applies the knowledge students have learnt about bearings to scale diagrams using practical questions.			
States - The State States of States of States - States of States	Bearings: The Rules Series: Geometry	2013	Е	00:06:10
A STEP SET	This programme introduces students to bearings and the rules involved in their use. The topic is explained using an obtuse angle, angles on parallel lines, and a triangle.			
三	Best Buys: Buying or Making Sandwiches Series: Numbers and Algebra	2014	E	00:04:03
	A group of friends are planning a lunch and compare the costs of pre-made lunches versus making it themselves. They investigate their options by comparing total costs and per person costs. Calculation			

Spa Dena	BIDMAS Series: Numbers	2013	E	00:03:42
	Students learn to understand the concept of the order of precedence in mathematical operations through the acronym BIDMAS; brackets, index, divide, multiply, add and subtract.			
	Bivariate Data and Pool Use	2015	E	00:06:57
	This clip investigates how the number of people at the local pool changes over the course of a day. The data is displayed in graphs showing pool patron numbers during each 2 hour time period. Follow a			
	Boxplots Series: Representing Data	2013	Е	00:06:57
	Boxplots or box and whisker diagrams are another way of representing data. This video demonstrates how to read and draw a boxplot by using the maximum and minimum values, the median and then the upper			
	Calculating Bearings Series: Geometry	2013	Е	00:06:36
Great being Special Sp	In this programme, students learn how to use bearings to describe a direction and how to solve problems involving bearings.			
-65° ac	Calculating Duration across Time Zones	2014	E	00:05:24
	Calculating flight distances within and across time zones is a common need. This clip investigates the arrival and departure times of someone travelling within and across times zones in Australia and			
	Calculating Profit: Earning Your Bread and Butter Series: Numbers and Algebra	2014	E	00:04:28
	Our presenter is interested in running her own café and decides to see what profit can be made from selling sandwiches. She works through the individual costs of sandwich ingredients to compare agains			
(4)	Comparing Fractions Series: Numbers	2013	Е	00:02:59
	The presenter compares fractions in order to explore the concept of fractions, in particular how to identify and numerically order fractions by converting to the same denominator.			
Survey Community Community of C	Completing the Square Series: Solving Quadratic Equations	2013	Е	00:04:56
1	The teacher demonstrates to students how to use the method known as "completing the square" to solve quadratic equations.			
	Compound Area Series: Geometry	2013	Е	00:04:22
	Through this programme, students learn how to find the area and perimeter of more complex shapes made from rectangles and triangles. The two examples presented ask students to find the area of a compo			
Control Marcel Discon Discon Significant Annie Control Significant Annie	Compound Measure: Distance, Speed, and Time Series: Numbers	2013	E	00:07:35
A Paris	A compound measure is a measurement that includes more than one measurement. This video looks at distance, speed, and time and how speed equals distance over time.			
	Congruence and Similarity in Plane Shapes	2014	Е	00:04:39
In In	Our 'tradie' narrator is busy constructing a playground. Follow along as she goes beyond practical demonstrations to mathematically prove that she is creating sunshade shapes that are congruent or sim			

	Congruent Shapes and Transformations	2014	E	00:04:51
¥-0	Our narrator is planning the layout of a new playground; she needs to recognise properties that determine congruence and which transformations create congruent figures. Follow along as she determines			
General is just one as done and	Conversions of Length, Area and Volume Units Series: Geometry	2013	Е	00:04:30
	In this video, students learn how to convert between the metric units for area and volume using a rectangle as an example.			
Consorter axes and married orth decisional For these 25 hore.	Converting Hours and Minutes into Decimals and Vice Versa Series: Numbers	2013	Е	00:04:56
1	This video shows students how to convert time into decimals with the use of fractions. This method does not use calculators.			
General and Assett AT Asset As	Converting Hours and Minutes into Decimals Using a Calculator Series: Numbers	2013	Е	00:02:53
Y	With instructions on how to use a calculator, the teacher instructs students on how to convert hours and minutes into decimals using fractions.			
,	Coordinate Geometry Series: Mathemania Series 3	2006	Е	00:30:18
	This programme starts as a student uses a street directory to find a suburban park where she meets a friend to do maths homework. Using a grid reference, the park is located and ideas are expanded to			
Armine bandware	Corresponding Angles Series: Angles in Parallel Lines	2013	Е	00:03:36
A A	This programme informs students of one of the three parallel line angles, corresponding angles. Students learn how to identify it and in doing so, how to calculate an angle using other angles.			
	Cyclic Quadrilateral Series: Circle Theorems	2013	Е	00:03:47
OO	This programme introduces students to the concept of cyclic quadrilaterals, which are quadrilateral whose vertices all lie on a single circle. In this video, the focus is specifically on how the oppos			
To the same of the	Decimals: The Accuracy of Numbers Series: Mathemania Series 4	2007	Е	00:30:55
165	Decimal numbers come into our lives just about every day. This programme explores the world of decimal numbers where we share a day in the life of the presenter who entertains us in her own quirky way			
Carried Street	Definite Integrals Series: Integration	2013	Е	00:09:47
	This video explains definite integrals, which use limits on the integral signs to come up with a final numerical answer after integrating.			
Cital Stang America	Definitions for Circle Thereoms Series: Circle Theorems	2013	Е	00:02:01
	In this video, the teacher introduces and explains to students the basic definitions in circle theorems. These includes circumference, diameter, radius, tangent, and chord.			
F-	Destination Distances on a Cartesian Plane Series: Numbers and Algebra	2014	E	00:06:31
	When the Smithton River floods five local towns, a plane needs to drop supplies at each. A route needs to be determined that will reach the most affected areas first, while ensuring the plane has enou			

Entratedrica and	Differential Equations Series: Integration This video demonstrates how to use integration to remove dy/dx from equations to obtain an equation that is free from any derivatives.	2013	E	00:08:10
ADDRESS OF THE PARTY OF THE PAR	Differentiating Exponentials and Logarithms Series: Differentiation This video shows the special rules used to find the derivatives of exponential and logarithmic functions.	2013	Е	00:04:29
ACCEPTANT OF THE PROPERTY OF T	Differentiating Implicit Functions Series: Differentiation This video shows how to differentiate implicit functions, where the function is not written in the form of $y = f(x)$.	2013	Е	00:09:29
DESCRIPTION STREET	Differentiating Parametric Equations Series: Differentiation This video explains how to obtain the derivative of a parametic equation dy/dx, when both the x and y variables depend on a third independent variable, t.	2013	Е	00:04:40
P.G.	Differentiating Trigonometric Functions Series: Differentiation This video shows how to evaluate the derivatives of trigonometric functions,	2013	Е	00:06:55
Sealth States and Stat	Differentiating with Negative and Fractional Indices Series: Differentiation This video shows how to evaluate the derivatives of functions raised to negative or	2013	Е	00:06:24
Grasses Jonas Ages A	fractional powers, using the power rule. Distance between Two Points Series: Coordinates This video shows students how to find the distance between two points or	2013	E	00:07:40
Amount for Es.	coordinates by creating a triangle and applying Pythagoras' theorem. Divisibility Tests: 2–6 Series: Numbers In this clip, students learn how to apply simple tests of divisibility for the numbers	2013	E	00:03:00
James Co. 14	2–6. Divisibility Tests: 7–10 Series: Numbers In this clip, students learn how to apply simple tests of divisibility for the numbers	2013	E	00:03:02
	This clip explores prisms and uses computer graphics to show the aerial, front and side views of many different prisms. Throughout the clip, students are prompted to	2015	E	00:04:16
	make their own drawings of differe Drawing: Cover-Up Method Series: Graphs In this video, one method for drawing straight line graphs is shown. By forcing x or y	2013	E	00:05:38
	to be 0, that value is "covered up" and the equation can be solved, and both the x-intercepts and y-intercepts ca Drawing: Gradient-Intercept Method Series: Graphs In this video, students learn how to plot a straight line graph by identifying the	2013	E	00:04:21
	gradient, and using it with the y-intercept.			

1013 42	Drawing: Table Method Series: Graphs	2013	E	00:10:48
The military	In this programme, the teacher demonstrates how the table method is used in order to teach students how to plot straight lines onto a graph.			
	Evaluating Statistical Claims	2015	Е	00:05:23
	This clip investigates statistical data and data displays used in the advertising of a new gym. Follow along to find the inconsistencies in the statistics, graphs and pie charts, and discover more abo			
	Exploring Fractions	2011	Е	00:18:41
<u>(2</u>)	Join us on a fruit-slashing foray into the world of fractions. In this action-packed program, we slice and dice fruit into various fractions; adding, subtracting and further dividing plump fruit piece			
	Exponential Functions Series: Algebra for Students	2007	E	00:22:12
	Exponential phenomena are at work all around us-from population growth to how long it takes for a bouncing ball to come to rest. This carefully paced program will not only introduce students to the ru			
25.00	Exponents and Index Laws	2014	Е	00:06:27
10' x 10' x 10' x 10' x 10' 10' 10' 10' 10' 10' 10' 10' 10' 10'	Exponents and index laws can make manipulations of numbers simpler. In this clip, two situations are used to apply index laws to numerical expressions with integer indices. In the first situation, the			
24=16	Exponents: We Are the Power Series: Mathemania Series 4	2007	Е	00:34:11
2×2×2×2 = 16 	This entertaining and informative programme explains all about exponents, the powers to which numbers are raised. Examining positive and negative indices, the uses and benefits of using exponents to e			
Annual y Arranes, a Arranes, and a A	External and Internal Angles in a Regular Polygon Series: Angles in Polygons	2013	Е	00:06:05
	In this programme, students are taught how to find the external and internal angles of a regular polygon, using a standard formula.			
And Annual And and Annual Annu	Factor Trees and the Ladder Method Series: Numbers	2013	Е	00:05:48
	In this video students learn to express a number as a product of it's prime factors, using two methods; factor trees and the ladder method.			
Jump Greens sciences' even of the district this section.	Factorisation Series: Solving Quadratic Equations	2013	Е	00:08:29
Arthur Audocha	This video shows one of the methods used to solve a quadratic equation. Factorisation is one of the quickest and most popular methods used, and students are shown how to use it.			
	Fantastic Factorising: An Introduction to Factorising in Algebra	2001	Е	00:32:59
2020203	Our young presenter explores a variety of ways to represent and explain the techniques used in numerical and algebraic factorising.			
	Finding the Area of Composite Shapes	2014	Е	00:04:36
	Our narrator is helping to build a new playground. Her boss needs her to determine the area of different zones of the playground, some of which are composite shapes. Follow along as she works through			
	Finding the Equation Series: Graphs	2013	Е	00:04:46
	This video shows students how to find the equation of a straight line by using the formula y=mx+c.			

Space and control we makes	Finding the Gradient and Intercept of y = mx + c Series: Algebra	2013	E	00:04:02
.,	In this programme, students learn to how to rearrange the equations into the standard $y = mx + c$ formula, in order to easily identify the gradient and y-intercept of a straight line.			
WATER COMMENT	Formulating Differential Equations Series: Integration	2013	Е	00:09:39
	This video shows how to formulate differential equations from a series of statements and integrate these equations in order to obtain the answer asked for in the question.			
Access bleet of decision \$1.0 miles \$1.0 mil	Fractions: Adding and Subtracting Series: Numbers	2013	Е	00:04:33
1	Students learn the basics of how to add and subtract fractions in this video. This includes fractions with a common denominator, how to add and subtract fractions by writing them with a common denomin			
Section Asset of Assessment State Section (Section Section Sec	Fractions: Adding and Subtracting Mixed Fractions Series: Numbers	2013	Е	00:02:47
	Continuing from "Fractions: Adding and Subtracting", this video furthers students knowledge of adding and subtracting fractions by using mixed numbers. The method used by the teacher uses improper fra			
forme from an important form from 31-23	Fractions: Adding and Subtracting Mixed Fractions (Alternative Method) Series: Numbers	2013	E	00:03:32
	Continuing on from "Fractions: Adding and Subtracting" and "Fractions: Adding and Subtracting Mixed Fractions" this video shows students how to add and subtract mixed fractions using a faster, more ad			
And the state of	Fractions: Cancelling Down Series: Numbers	2013	Е	00:03:00
	Cancelling down is the process of simplifying fractions. In this video, the teacher explains how to do this through a process of division.			
#4 00 2) #4 9-4	Fractions: Dividing Series: Numbers	2013	E	00:03:25
	In this clip, students are taught to interpret division as the inverse of multiplication, and divide integers and fractions by a fraction.			
A	Fractions: Introduction and Equivalent Series: Numbers	2013	E	00:05:34
CHILIDATINE	Students are introduced to the concept of fractions in this video. They learn to recognise when two fractions are equivalent and how to identify, recognise, find, and calculate equivalent fractions.			
6 0000	Fractions: Mixed to Improper and Improper to Mixed Series: Numbers	2013	E	00:04:10
, :	In this clip, students are taught how to change a mixed number to an improper fraction and vice versa, using example questions.			
1-3 Jates	Fractions: Multiplying Series: Numbers	2013	Е	00:03:37
5-1	In this clip, students learn how to multiply fractions by integers and other fractions.			
Products Authority = Surrent may record Selection 22 25 × 12	Fractions: Multiplying and Dividing Mixed Fractions Series: Numbers	2013	E	00:03:02
	Continuing on from "Fractions: Multiplying" and "Fractions: Dividing", this video demonstrates how students can solve multiplication and division fraction equations that involve mixed numbers.			

Lemonade Win in Win 21.00 P.G. 21.00 10.00	Functions and Relations Series: Algebra for Students Functions and relations are important aspects of algebra. By showing how two sets	2007	E	00:22:21
	of numbers are related, you can represent all types of real-world phenomena from Ferris wheels and roller coasters			
113	Geometric Constructions This programme demonstrates elementary construction techniques involving plane shapes using a ruler, pencil, compass and protractor. It is essential viewing for any junior class about to embark upon a	2006	E	00:20:43
	Geometric Transformations This programme introduces the four common geometric transformations in interesting settings and in a way that is relevant to students. Translation, reflection, rotation and dilation are investigated a	2007	Е	00:23:25
The second secon	Geometry 2: Surface Area of Solids This programme shows how to measure the dimensions of common 3D objects. The calculations needed to obtain their surface areas and volumes are also illustrated.	2005	Е	00:36:02
	Graphing Distance and Time: A Runner's Story Series: Numbers and Algebra This video follows a runner graphing his running distance and speed. He explains what happened along the route that affected his speed, translating this information onto a graph and accounting for the	2014	Е	00:04:24
	Graphing Simple Parabolas and Circles Series: Numbers and Algebra This video begins with a short introduction of everyday applications of circles and parabolas. Next, basic parabolas and circles are graphed using quadratic equations. Ideal for reinforcing concepts.	2014	Е	00:04:10
No per con. Philips for that? Balaborg has 3?	HCF and LCM Series: Numbers In this video, the teacher demonstrates how to find the lowest common mulitple (LCM) and highest common factor (HCF) of two numbers.	2013	E	00:02:33
And the last	HCF and LCM using Prime Factors Series: Numbers This clip demonstrates how to find the highest common factor (HCF) and lowest common multiple (LCM) of large numbers using prime factors.	2013	Е	00:03:49
	Histograms and Boxplots of Gym Membership In this clip, histograms and boxplots are used to display the results of a study into the number of hours gym members use the gym each week. This clip introduces important terms and concepts including	2015	Е	00:06:13
	Histograms and Frequency Polygons Series: Representing Data This video presents how to draw a histograms using continuous data and using that how to draw a frequency polygon.	2013	Е	00:03:23
The same of the sa	Histograms of Unequal Class Widths Series: Representing Data Histograms with unequal class widths differ from histograms with equal class widths in that the area rather than the height of each bar is used to display frequency. In this programme, students are ta	2013	Е	00:05:40

Areas .	Identifying Polygons Series: Angles in Polygons	2013	Е	00:06:39
₹ 28♥	In this video, students are introduced to polygons and what shapes are polygons. These includes three different types of triangles, and six types of quadrilaterals, as well as other shapes.			
Marin or marin, soften	Increasing and Decreasing Functions Series: Differentiation	2013	Е	00:07:48
And Australia	This video describes increasing functions, graphs with a positive gradient, and decreasing functions, graphs with a negative gradient. It shows how to evaluate and find the range of values in which a			
5	Index Notation and Prime Factors Series: Numbers and Algebra	2014	Е	00:06:46
25	This video provides a short lesson on index notation and representing whole numbers as products of powers of prime numbers. Examples of raising base numbers to different powers are shown. Prime and co			
	Integers: The Whole Thing	2007	Е	00:27:07
manananang.	Integers are all around us and used for many different purposes. This programme explores the world of integers where we share a day in the life of the presenter who entertains us in her own quirky way			
EV Standard	Integrating 1/x and e^x Series: Integration	2013	Е	00:05:54
All traffer Corn	This video shows how to obtain the integrals for 1/x and e^x functions.			
Tan tan Para	Integrating Basic Trigonometric Functions Series: Integration	2013	Е	00:06:43
lank tre	This video shows how to obtain the integrals for basic trigonometric functions.			
A STATE OF THE PARTY OF THE PAR	Integrating Functions of (ax + b) Series: Integration	2013	Е	00:05:26
	This video demonstrates how to integrate (ax + b) functions by using the reverse of the chain rule.			
THE REAL PROPERTY AND ADDRESS OF THE PERTY ADDRE	Integrating sin^2 (x), cos^2 (x) and tan^2 (x) Series: Integration	2013	Е	00:06:45
and the second	This video shows how to obtain the integrals for sin squared, cos squared and tan squared.			
Service of the servic	Integration by Parts Series: Integration	2013	Е	00:12:03
Para .	This video shows how to integrate by parts when the function involves a product of two functions that cannot be integrated through substitution.			
arbitron to learning and the second of the s	Integration by Substitution Series: Integration	2013	Е	00:09:11
Em-	This video shows how to obtain the integrals for complicated functions by first making a substitution.			
Other in the second	Integration by Substitution: Non-Linear Substitution Series: Integration	2013	Е	00:06:52
	This video shows how to obtain the integrals for complicated functions with a non-linear substitution.			
Story of the delication of the second	Integration Using Partial Fractions Series: Integration	2013	Е	00:09:32
	This video shows how to obtain the integrals for functions involving polynomials in the denominator by using partial fractions.			

NTEREST 2 YEARS @ \$44.95 \$441 For territory 5 YEARS @ \$33.85 \$870 For correspond	Interest, Loans and Credit You want to buy a new bike, but you've only got half the money you need. You might consider a high-interest savings account. But how long would it take to save? And how much would you pay in bank fees	2011	Е	00:17:46
	Into the Negative Zone!: Working with Integers Series: Mathemania Series 1 Our young presenter ventures fearlessly into the negative zone to learn how to add, subtract, multiply and divide positive and negative numbers.	2001	Е	00:27:08
In the second	Introducing Probability Series: Mathemania Series 2 This program demonstrates experimental and theoretical probability. Looking particularly at: probability with, and without replacement; probabilities and their complements; representing events and pro	2003	Е	00:23:47
T. T. L. 8.	Introducing Problem Solving Series: Mathemania Series 2 This program is an excellent introduction to problem solving suitable for Middle School students.	2004	Е	00:35:57
24	Introducing Ratio and Proportion Series: Mathemania Series 2 Using a range of real life scenarios, this programme provides an introduction to the fundamental concepts of ratio and comparison of quantities. These include: writing ratios, ratios and fractions, eq	2003	Е	00:20:31
Corple Graph	Introducing Statistics Series: Mathemania Series 2 For Junior Secondary students, this program covers statistics and simple statistical manipulation as applied in everyday life.	2003	Е	00:24:01
	Introducing Trigonometric Ratios Trigonometric ratios have many practical uses in the building industry, engineering, astronomy and geography. This clip shows how to calculate sine, cosine and tangent for given angles in right-angled	2015	Е	00:05:43
	Investigating Population Survey Data In this clip, multiple surveys investigating the number of times Australians visit the beach each week are conducted and analysed. Follow along as the means and medians are calculated for each survey	2015	Е	00:05:15
	Irrational Numbers: Pi and Pies The clip explains how the irrational number Pi () is derived and provides an example of its practical application in calculating the area of different sized pie tins. It explores: how Pi is derived b	2014	Е	00:05:27
	Let's Get It Straight: Linear Equations and Their Graphs Series: Mathemania Series 1 This program covers a review of gradient; equation of a line through the origin; lines with positive and negative gradients; equation of a line with a positive or negative y-intercept; domain and rang	2001	Е	00:30:11
	Line Graphs: Gradients and Midpoints Series: Numbers and Algebra This video follows a sprinter graphing her distance and speed for two separate sprints. The first sprint is at a constant speed, resulting in a straight line graph. In the second sprint, her graph ref	2014	Е	00:05:22

	Linear Equations and Slope Series: Algebra for Students Linear relationships are all ground us. Join our boots as they tookle linear equations	2007	Е	00:24:19
1	Linear relationships are all around us. Join our hosts as they tackle linear equations and slope - two topics in algebra that go hand-in-hand. Through a series of real-world scenarios, see how a table			
10 2)	Linear Functions: An Introduction This programme is an excellent introduction to linear functions. Students, with the	2009	Е	00:21:12
2	aid of "Sharpy the Pencil", learn to plot and sketch graphs from linear equations as well as deriving linear equatio			
Service Andrews Service Office Service Office Service S	Loci of One or Two Lines Series: Loci	2013	Е	00:07:29
	This programme shows students how to find the loci of one ongoing or terminating line or two lines and how to apply this knowledge into practical questions.			
A manifest of the second secon	Loci of One or Two Points Series: Loci	2013	Е	00:04:58
	The loci or locus is a line following a given rule. In this video, the teacher demonstrates how to find the loci of either one and two points.			
	Mean of Frequency Data Series: Statistical Averages	2013	Е	00:04:58
	In this video, students learn how to calculate the mean of data that is in a frequency table by using multiplication.			
Accord 600 y grant many on	Mean of Grouped Frequency Data Series: Statistical Averages	2013	Е	00:03:25
12.5	In this video, the teacher demonstrates how to estimate the mean for a set of grouped data by using a formula.			
Account Accident	Mean of Raw Data Series: Statistical Averages	2013	Е	00:04:10
	In this programme, students are taught how to calculate the mean of raw data. Students also learn that although it commonly referred to as 'the average', it is simply one of the most common.			
KT 50 < 7	Mean, Median and Outliers	2015	Е	00:05:56
endor-Marc	This clip explores the effect of outliers on measures of central tendency - mean and median. The lengths of time that swimmers stay underwater is collected, and mean and median values are calculated			
Accord Albert no see of the second se	Median and Mode of Frequency Data Series: Statistical Averages	2013	E	00:03:49
	In this programme, students learn how to find the median and mode of a data set that is presented in a frequency table.			
	Median and Mode of Grouped Frequency Data Series: Statistical Averages	2013	Е	00:05:15
	In this video, students are taught how to estimate the median of grouped data by using a frequency table and plotting the data on a graph. Students also learn how to estimate the modal class through t			
Amount per a parent	Median and Mode of Raw Data Series: Statistical Averages	2013	Е	00:04:41
Coard Bad card	In this programme, students are taught what the median of data is and how to calculate it by organising raw data or through a formula. Students also learn about the mode of a data set, and how to find			
continuores	Metric Units: Length, Mass and Capacity	2011	Е	00:14:53
The state of the s	You can use metric units to measure anything from a grain of sand to the whole wide world! This fun program takes us from the beach to the kitchen to explain the metric units used to measure length,			

Companies Amount Actions Employees The property of the companies of the	Midpoint between Two Coordinates Series: Coordinates This video shows students how to find the midpoint between two coordinates for intervals, 2D and 3D shapes.	2013	Е	00:03:56
Name of States o	Multiple Integration by Parts Series: Integration This video demonstrates how to do integration by parts more than one time so as to obtain a function that can be integrated more easily.	2013	Е	00:09:36
Secretary of the secret	Multiples Series: Numbers This video allows students to understand the term 'multiple' in context and teaches them how to use it.	2013	Е	00:01:33
The state of the s	Multiplying by a Constant Series: Transformation of Graphs This video shows students what multiplying an equation with a constant does to a graph, whether it is inside or outside the function brackets.	2013	Е	00:07:07
	Naming and Measuring Angles Series: Mathemania Series 3 This program provides students with a lively introduction to key concepts involved with angles, such as how we define and write information about an angle,	2006	Е	00:22:42
**************************************	mathematical notation for rays, line segment Negative: Reflections Series: Transformation of Graphs This video informs students of how a negative number can transform a graph depending on whether it is -f(x) or f(-x).	2013	Е	00:03:03
Marie Arment (Americal) Parling that of open To the of Lot on the common that the common thas the common that the common that the common that the common tha	Number Patterns: Finding the nth Term Series: Algebra In this video, students learn to use algebra to find and describe the nth term. The teacher then uses this to find the general term (nth term) of a linear sequence.	2013	Е	00:04:20
France Brente (grammi) France of the con- Fr	Number Patterns: Position to Term Method Series: Algebra This programme aims to teach students how to describe the position-to-term rule, generate terms of a sequence, find a term of a sequence from its position, and how	2013	Е	00:04:56
Knor house (mun) heast nears	Number Patterns: Square Numbers Series: Algebra This programme shows students how to recognise and apply square numbers using a visual demonstration.	2013	Е	00:02:22
Served Amond Channell Served Amond Amond Channell Served Amond Amond Channell Served Amond Amond Channell Served Amond Channell Serv	Number Patterns: Term by Term Method Series: Algebra This video aims to teach students how to use the term by term method to find the subsequent terms in a linear sequence.	2013	E	00:04:10
	Operations with Algebraic Fractions This clip applies the four operations to simple algebraic fractions with numerical denominators. It begins by using the example of pizza to add and subtract fractions, and determine lowest common deno	2014	Е	00:04:31
	Parallel and Perpendicular Lines This clip demonstrates how to solve problems involving parallel and perpendicular lines. Methods for finding the gradient (slope) and equations of parallel and perpendicular lines are applied to diffe	2015	Е	00:05:58

~ <u>~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ </u>	Parallel Lines Series: Graphs	2013	E	00:04:27
7	This video shows students how parallel lines on a graph have the same gradient, and how to identify which lines are parallel to each other using their equations. Part 1: Symmetry and Angles	2002	E	00:14:04
Cal.	Series: Geometry of Groove This video explores the application of geometrical concepts and their critical role in the contemporary music industry. Modern instruments, powerful sound systems and complex recording technology all			
	Part 2: Triangles and Polygons Series: Geometry of Groove The application of geometrical concepts is critical in the contemporary music	2002	E	00:12:47
	industry. Modern instruments, powerful sound systems and complex recording technology all rely on geometry for the success			
	Patterns and Formulas Series: Algebra for Students Patterns are used to make predictions every day. Formulas are extremely important in the world of algebra. From developing a formula that represents a real-world scenario to building a table of values	2007	E	00:20:05
Ion 100m ² ion	Perfect Squares and Square Roots Series: Numbers and Algebra	2014	Е	00:04:10
10ml	This video investigates and uses square roots of perfect square numbers to create and solve equations. Viewers will learn how to determine the square roots of perfect squares, and determine if a numbe			
Cathornel Assessment Sont of and	Perpendicular Bisector of a Line Series: Constructing Angles This alia shows students how to greate a perpendicular bisector of a line using a	2013	E	00:02:19
	This clip shows students how to create a perpendicular bisector of a line using a compass and a ruler.			
	Perpendicular Lines Series: Graphs This programme shows students how to identify which lines are perpendicular	2013	E	00:06:12
	through their gradients. Pictograms	2013	E	00:04:03
(1000 m) (10	Series: Representing Data Pictograms are a way of representing data using drawings. Students are shown how to use a key to read a pictogram, and how to draw one based on a data set.			
	Pie Charts: Drawing and Reading Series: Representing Data	2013	E	00:09:18
	In this programme, students are taught how to interpret and construct pie charts by using angles as a proportion of a circle.			
3	Plane and Simple: Areas of Polygons and Circles This programme contains clear, simple derivations of area formulae for the common geometric shapes: rectangle, square, parallelogram, rhombus, trapezium, triangle and circle.	2004	E	00:26:55
	Polynomials Series: Algebra for Students	2007	E	00:24:08
volume = length-width-height	When you are diving into algebra, it is a good idea to know how to recognise and work with polynomials. Join our hosts as they introduce students to the vocabulary associated with polynomials and demo			

	Pre-Algebra: Volume 1 Series: Bill Nye's Solving for X	2009	Е	00:19:44
	Concepts addressed in Solving for X: Pre- Algebra I, Volume 1: Infinite Fractions - Is that Rachael Ray? Martha Stewart? Good Heavens, its Bill Nye, cooking up some fractions. Well start out in the k			
Are Area Are despring	Prime Factors Series: Numbers	2013	E	00:01:44
	Students learn how to define prime factors and find them. Students will also learn how to express numbers in terms of their prime factors.			
Anna Anna Anna Anna Anna Anna Anna Anna	Primes Series: Numbers	2013	Е	00:02:21
	In this clip, students are taught how to identify a prime number using the two factor rule.			
A pair of die are thrown. What is the	Probability Series: Maths Tutorials	1990	Е	00:32:19
♣	An on-screen probability tutorial with presenter Jacquie Hargreaves.			
Product of Provide and Politic Land Land and Land Land Land Land Land Land L	Product of Primes, HCF, and LCM Series: Numbers	2013	Е	00:05:54
	This programme shows students how to find the product of prime numbers, as well as the HCF and LCM by using prime factors.			
Truss 1	Proving Congruent Triangles While building a barbeque shelter, our narrator's boss puts her geometry skills to the	2014	Е	00:05:05
True 2 congruent	test by asking her to mathematically prove that five triangular roof trusses are congruent triangles. Follow alon			
Arman # 2 Indah	Pythagoras' Theorem in 3 Dimensions Series: Geometry	2013	Е	00:04:34
	This video shows students how to apply Pythagoras' theorem to find the length of internal diagonals in three dimensional shapes.			
Injuriouse	Pythagoras' Theorem: An Introduction	2009	Е	00:20:41
70	In this programme, we discover Pythagoras' Theorem and see how it is used to solve real world problems by finding unknown values in right angled triangles. And who better to introduce and demonstrate			
James General Species (Market Species and Market Sp	Quadratic Formula Series: Solving Quadratic Equations	2013	Е	00:08:25
	This programme shows another method of solving quadratic equations through using the quadratic formula. Students are taught the quadratic formula and how to apply it to questions.			
	Quadratic Functions Series: Algebra for Students	2007	Е	00:19:55
	Whether it's football, fireworks or finding the zeroes, it is important to know how to recognise quadratic functions by their parabolas and squared terms. Join our hosts on an in-depth exploration of			
Cont / American e americanem di insel Possono pero del di comp del	Quartiles and Interquartile Range: Frequency Data Series: Data Handling	2013	Е	00:07:49
	This programme furthers students knowledge of range and interquartile range by showing them how to apply it to frequency data, and how to find the interquartile range using a graph plotted from a freq			
	Quartiles and Interquartile Range: Raw Data Series: Data Handling	2013	Е	00:04:51
	This video introduces students to the concept of quartiles, what an interquartile range is, and how to find the median using it.			

TOTAL PART OF THE	Rates of Change Series: Differentiation The video shows how to approach questions relating to the rate of change using differentiation and evaluate such questions at a particular value.	2013	Е	00:06:45
01 05 5	Rational Numbers: We Are Proportional Series: Mathemania Series 4 This entertaining programme provides students with an active introduction to the key concepts relating to rational numbers. Areas covered include defining rational numbers as the ratio of two integers	2007	Е	00:24:40
	Relative Frequency of Events This clip explores the probability of seeing Australian animals on a wildlife tour and uses relative frequency to describe the chances of seeing particular animals. Collected data is displayed in two	2015	Е	00:04:42
Error Seasons Sept model for the	Reverse Percentages Series: Numbers Students learn to use an inverse operation to solve percentage problems. This video presents the Unitary Method as a way of solving these problems.	2013	Е	00:04:31
Execute Angustries: Ji. by p t stands for execute p to the particular and the particular angular angus response for the particular particular angular angus response to the particular angus par	Reverse Percentages (Alternative Method) Series: Numbers In this video, students learn to use an alternative inverse operation to solve percentage problems.	2013	Е	00:02:15
10/19/	Roots: The Radical Idea Series: Mathemania Series 4 In this entertaining program, we cover an introduction to roots and radicals; explore how roots can be simplified: carry out some operations with radicals; examine methods of approximation of roots; a	2007	Е	00:28:50
A A	Rotational Symmetry Series: Geometry In this video, students are taught to recognise rotational symmetry, to find the order of rotational symmetry and to complete diagrams to a given order of rotational symmetry.	2013	Е	00:04:29
Email in a per article for the factor of the control of the contro	Rounding to the Nearest 10, 100 and 1000 Series: Numbers In this clip, students learn to round whole numbers to any given power of 10, so students learn how to round numbers to the nearest 10, 100 and 1000.	2013	E	00:02:57
Secretary (Scale Factor Enlargement: Negative Values Series: Geometry This programme shows students how to enlarge or reduce the scale factor of a shape by a negative value and plot it on a graph.	2013	Е	00:07:40
	Scale Factor Enlargement: Positive Values Series: Geometry This programme shows students how to enlarge or reduce shapes in size and plot these shapes on graphs using coordinates.	2013	Е	00:11:24
	Scatter Graphs Series: Representing Data This programme demonstrates to students how to read and draw a scatter graph. It also explains what correlation is and how it is represented on the graph.	2013	Е	00:05:44

The state of the s	Scatter Plots and Gym Training In this clip, a series of scatterplots are used to show how regular gym attendance has an effect on variables such as resting heart rate, feelings of well-being and TV viewing habits. The data is coll	2015	Е	00:04:23
1, 4, 9, 16, 7,	Series and Sequences Series: Maths Tutorials This maths tutorial explains series and sequences.	1990	E	00:46:19
	Similarity, Ratio and Proportion Series: Mathemania Series 3 This programme presents the ideas of similarity, ratio and proportion in a refreshing and informal style. Examples are drawn from everyday life using familiar objects with on-screen graphics producing	2006	Е	00:22:30
	Simple Random Sampling Series: Data Handling This video shows students the different methods of simple random sampling which include pulling the names out of the hat, using the Ran# button on a calculator, and a random number table.	2013	Е	00:04:06
	Simplifying Algebraic Products and Quotients Follow along as our narrator plays a video game that requires him to simplify algebraic products and quotients using index laws. It's a race against the clock as the questions become increasingly diff	2014	E	00:04:13
And a last of the second of th	Simultaneous Equations on the Golf Course Series: Numbers and Algebra This video demonstrates how to solve simultaneous equations, using the example of golfers determining par and handicaps. Substitution, elimination and graphing software methods are all used to solve e	2014	E	00:04:40
Story Secretor forms:	Simultaneous Equations: Elimination Method - Different Coefficients Series: Algebra This programme teaches students how to solve simultaneous equations using the elimination method when there are no matching coefficients in the equations.	2013	E	00:04:04
Some Joseph Land	Simultaneous Equations: Elimination Method - Matching Coefficients Series: Algebra Through this programme, students are introduced to simultaneous equations and they are shown how to solve them by adding or subtracting with coefficients already the same.	2013	Е	00:06:34
Former December Barnett Annihim Arme 2 A 1 4 3 B 1 0	Simultaneous Equations: Substitution Method Series: Algebra In this video, students are shown how to solve simultaneous equations using the substitution method.	2013	E	00:03:21
- Muscaline - Muscaline - Muscaline - Cancada	Small and Large Time Scales This clip demonstrates the usefulness of scientific notation (standard form) to express very large and small numbers. Examples worked through include evolutionary time periods, blinking, and the speed	2014	E	00:04:50
Survey Corres are second	Solving Equations with Fractions Series: Algebra Students learn how solve equations that involve fractions through a process using the LCM, division and multiplication. Students are also shown the cross multiplication method.	2013	E	00:05:26

Δ1	Solving Linear Equations Reviewing a veriety methods for aching equations, including guess, check and	2011	E	00:23:42
A-1	Reviewing a variety methods for solving equations, including guess, check and improve, the balance method and backtracking, the program takes students through the process of finding a numerical soluti			
1/4	Solving Quadratic Equations Graphically Series: Solving Quadratic Equations	2013	Е	00:05:18
	This video shows students how to solve quadratic equations graphically as opposed to algebraically.			
I=dis	Solving Quadratic Equations in Cricket and Rowing Series: Numbers and Algebra	2014	Е	00:05:02
r = 25/8 r = 3.125e 40 - 3.125e = 0.875e	Our presenter applies algebraic knowledge of quadratic equations to two sports events. First, he determines the height of a batted cricket ball and the amount of time it is in the air. Next, he determ			
	Spherical Geometry and Navigation	2001	Е	00:20:21
	We follow the crew of a 30,000 tonne container ship as they navigate their way around the globe. Along the way we discover key geometry and navigational concepts, such as: the Earth as a sphere, great			
Sarret, Gree no hou e tome	Squares, Cubes and Powers of Number Series: Numbers	2013	Е	00:04:25
All discourses a second to a s	This video teaches the basic concept of what a power is and the correct notation and wording used, through the use of square roots and cube roots.			
States for Consense Sections Authority	Standard Index Form: Calculations Series: Numbers	2013	Е	00:03:23
184	Continuing on from 'Standard Form: The Basics', this video uses standard form in calculations involving multiplication and division.			
Africano nelle Par Bessel PRESIDENTE I y mi unit CONSTRUIT I mi unit	Standard Index Form: The Basics Series: Numbers	2013	Е	00:04:52
The state of the s	Through this video, students come to understand standard form and its use of positive and negative indices.			
Dot plot	Statistics: Sampling, Surveying and Data Analysis	2011	Е	00:18:44
Number of Clin Scope in last 13 months	In this dynamic program, our presenter wants to make a YouTube music video for her best friend's band, but they can't agree on which song to do! The solution: survey the target market - their friends			
A STATE OF THE STA	Stratified Sampling Series: Data Handling	2013	E	00:03:47
	This video explains to students what stratified sampling is, and demonstrates how to take a stratified sample of a population.			
(C)	Substituting Values in Formulae	2014	E	00:05:17
	This clip demonstrates the importance of algebra and mathematical formulae in solving everyday problems. Working through a series of real-life examples, our narrator substitutes values into formulas t			
At Countries	Surds: Rationalising Series: Numbers	2013	Е	00:06:04
	Rationalising surds means to remove the root from the denominator of a fraction. This video shows students how to rationalise surds through a variety of questions.			
to the set formed for the set of	Surds: Rules and Simplifying Series: Numbers	2013	Е	00:05:49
all age age	In this programme, students are able to learn about how to simplify surds when multiplying, dividing, adding or subtracting them and the rules that accompany them.			

	Survey Data: Collecting and Displaying	2015	E	00:04:41
اللل	In this clip, the results of student surveys are collated into tables and means are calculated. Students are asked to rate a music genre from 1 to 5, and in a separate survey, are asked to identify th			
65	Systems of Linear Equations Series: Algebra for Students	2007	Е	00:23:43
y=60x	Join our hosts as they tackle many real-life problems by using systems of linear equations! See how these systems can have zero, one or many common solutions. In the process of finding these solutions			
	Taking a Chance: Key Probability Concepts	2011	Е	00:23:25
	This programme is an odds-on favourite to make understanding probability a lot of fun! Set in the wonderful world of cards, coins and dice, this engaging programme introduces the basic concepts of pro			
AND THE PROPERTY AND THE PARTY OF THE PARTY	Tangent and Normal to a Curve Series: Differentiation	2013	Е	00:09:15
	This video shows how to obtain the equations of the tangent and normal to a curve using differentiation.			
	That's a Bit Steep: All about Gradients Series: Mathemania Series 1	2001	Е	00:23:47
	The program covers positive and negative gradients, 'Rise over Run' formula, revision of Cartesian coordinates, and the use of coordinates to calculate rise, run and hence gradient.			
(a) 10002	The Area between a Curve and the x Axis Series: Integration	2013	Е	00:08:09
	This video shows how to obtain the area between a curve and the x axis using integration and definite integrals.			
No. one deliver a said as to. 1 mg and the said as to. 2 mg and the said as to. 2 mg and the said as to.	The Area between a Curve and the y Axis Series: Integration	2013	Е	00:03:09
	This video shows how to obtain the area between a curve and the y axis using integration and definite integrals.			
No. and defined a part of the state of the s	The Area between a Line and a Curve Series: Integration	2013	Е	00:06:42
	This video shows how to obtain the area between a line and the curve using integration and definite integrals.			
Sam and the contract	The Area between Two Curves Series: Integration	2013	Е	00:04:51
	This video shows how to obtain the area between two curves using integration and definite integrals.			
2272	The Chain Rule Series: Differentiation	2013	Е	00:06:15
	The video describes the chain rule, a rule used in differentiation to find the derivatives of 'composite functions'.			
The Expression Sending . It	The Exponential Function Series: Maths Tutorials	1990	E	00:37:41
	This maths tutorial explains the exponential function.			
American de American American	The Product Rule Series: Differentiation	2013	Е	00:09:06
	The video describes the product rule, a rule that is used to differentiate problems where one function is multiplied by another.			

. A.	The Pythagorean Theorem and Right Triangles Series: Algebra for Students	2007	E	00:20:56
A - E	Pythagorean Theorem is a powerful tool which people have used for centuries - and at its heart is the right triangle. Join our hosts as they investigate the relationship between a right triangle's leg			
TO A TATAL TOPS FOR	The Quotient Rule Series: Differentiation	2013	E	00:04:29
	The video describes the quotient rule, a rule that is used for differentiating problems where one function is divided by another.			
Section and the section and th	The Reciprocal Rule Series: Differentiation	2013	Е	00:03:14
S. Spirit	The video describes the reciprocal rule, a method in differentiation that can be used to find the derivative of a function that is the reciprocal of a differentiable function.			
Conserve Sametimes	Three Dimensional Series: Coordinates	2013	Е	00:05:30
	In this video, students learn about how to find three dimensional coordinates which involve coordinates in three planes.			
	Time: Understanding and Calculating World Time	2002	Е	00:16:07
with and the	This program examines how time zones work and how the difference in time between different regions is calculated. This program defines longitude and explains the mathematical relationship between longi			
	Triangles Series: Constructing Angles	2013	Е	00:06:17
	In this video, the teacher shows students how to construct a triangle when there is only a limited amount of information provided. She demonstrates three scenarios that students are likely to encounte			
	Triangles and Quadrilaterals Series: Mathemania Series 3	2006	Е	00:24:43
	This programme illustrates the properties of triangles and quadrilaterals in a bright, informative and logical way. These shapes are found in architectural and constructional contexts. Their propertie			
10 0 77	Trigonometric Functions Series: Maths Tutorials	1990	Е	00:29:09
JUUU	This maths tutorial explains the trigonometric function.			
Cost State to Page 1	Two Tangents from a Point to a Circle Are Equal Series: Circle Theorems	2013	Е	00:05:00
	Another circle theorem involves two tangents that come from the same point. Those two tangents are equal and symmetrical. The video demonstrates how this theorem can be used to solve problems.			
Francisco (Para Para Para Para Para Para Para Par	Understanding Ratio and Proportion	2009	Е	00:16:20
	This programme explores ratio and proportion with the aid of real world practical examples. From mixing paint to using basic ratio and proportion to estimate time, students will be engaged and enterta			
	Variables, Expressions, and Equations Series: Algebra for Students	2007	Е	00:21:46
	The "power" of algebra. What does that mean? Students will discover how algebra provides a way to organise patterns and represent real-life scenarios as well as abstract ones so that they can think ab			



This video shows how to use integration to find the volume of a solid with a circular cross-section.