

	Geometric Sequences and Series	End Behaviors with Constant Ratio	Boys and Girls in the Class	The Slope of a Parabola	Let's Play Ball!	Adding Ratios	Similar Triangles	Angle Bisector	Discounted Bill	Math in Motion	Choosing a Loan	The Tortoise and the Hare	Predicting the Value of a House	Buying Ping Pong Balls	It's On Lacey	Bouncing Ball	Increasing Area
Inductive and deductive reasoning	X	X		X		X			X	X	X	X	X	X	X		X
Modeling, representing, abstraction	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X
Bases																	
Multiples and factors					X												
Prime and composite																	
Fractions, decimals and percents	X		X		X	X	X	X	X		X	X	X	X	X	X	X
Exponents, scientific and calculator notation				X												X	
Sets of numbers, i.e. rational																	
Properties		X															
Inverse operations/relationships				X	X		X	X		X							
Estimation	X			X		X					X			X			
Calculations	X	X			X	X			X		X	X	X	X	X	X	X
History of numeration																	

In order to find the investigation, go to the Intermath site <http://www.intermath-uga.gatech.edu> and search for the title.

	Discounting Cars	Red and Green Marbles	Raising Salaries	Real World Ratios	Mathematics Football Players	Ratio of Fibonacci	Trigonometry Ratios	Ratios and Part-to-Whole Fractions	An Irrational Ratio	How Does Zero Fit In?	Rational and Irrational?	Ratios and Fractions	Which is larger?	Building Roofs	Balancing the Centroid
Inductive and deductive reasoning			X	X	X	X	X	X	X	X	X	X	X	X	X
Modeling, representing, abstraction	X	X	X	X		X	X			X					X
Bases															
Multiples and factors															
Prime and composite															
Fractions, decimals and percents	X	X	X	X	X			X		X	X	X	X		
Exponents, scientific and calculator notation			X												
Sets of numbers, i.e. rational															
Properties															
Inverse operations/relationships				X	X	X	X	X	X	X	X		X	X	X
Estimation		X													
Calculations	X	X	X		X	X			X				X	X	
History of numeration															

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	Segment Area Ratios	Which Movie is Best?	Shopping for Soup	Side Splitter	Jumping Dogs	Proportions and Graphs	Proportional Rectangles	Double Trouble	Inversely Proportional	Camera Lens Aperture	Volume and Pressure	Altitude to the Hypotenuse	Creating an Alloy	Magical Combinations	Drinking Coca Cola	The Final Score
Inductive and deductive reasoning	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
Modeling, representing, abstraction	X	X		X	X	X	X	X	X	X		X	X	X	X	
Bases																
Multiples and factors																
Prime and composite																
Fractions, decimals and percents			X										X		X	
Exponents, scientific and calculator notation																
Sets of numbers, i.e. rational																
Properties																
Inverse operations/relationships	X	X	X	X		X	X	X	X	X	X	X	X			X
Estimation						X									X	
Calculations		X	X	X		X	X	X	X	X	X	X	X	X	X	
History of numeration																

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	The National Debt	Fair Share	Dreaming in a Lifetime	Comparing Properties	Double Dollars	Going to the Movies	Maximum Capacity	Log Cutting	Portions of 1000	Counting Zeros	Dimes and Quarters	Paper Folding	Pandigital Fraction	Unit Fractions and Fibonacci
Inductive and deductive reasoning	X	X	X		X	X	X		X	X			X	X
Modeling, representing, abstraction		X		X	X			X		X	X	X	X	X
Bases														
Multiples and factors														
Prime and composite														
Fractions, decimals and percents			X		X			X	X				X	X
Exponents, scientific and calculator notation										X				
Sets of numbers, i.e. rational														
Properties														
Inverse operations/relationships	X		X	X			X				X			X
Estimation														X
Calculations	X	X	X	X	X	X	X	X	X	X	X	X	X	X
History of numeration														

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