

App Name	Description	Grade Level	Recommended Uses	Link
AFactorTree	Find the Least Common Multiple, Greatest Common Denominator, and Factor trees. Provides a great visual of prime numbers and different factor trees.	3 - 6	encourages flexible thinking by presenting various approaches	http://itunes.apple.com/us/app/afactortree/id300173695?
Algebra Touch	Interactive tutorial of simple algebraic expressions and equations			http://itunes.apple.com/us/app/algebra-touch/id384354262?mt=8
Board Cam	iPad app that acts as a document camera over which you can annotate	k-12	video capturing as well as audio capturing and tutorials.	
Bubble Sheet	students can submit answers to questions on assessments and classroom activities	k-12		http://itunes.apple.com/us/app/bubblesheet/id413937393
CandyFactory	CandyFactory is an educational game that teaches the concept of fractions to middle school students based on splitting operations with partitioning and iterating. create flash cards for students to study or practice skills. Can be adapted for any subject area.	4 - 8	Applies fraction concepts and equivalent fractions to a practical task	http://itunes.apple.com/us/app/candyfactory-educational-game/id446248045?mt=8
Chegg Flashcards		k-12	reteaching and reinforcement of skills	
Common Core Standards	View the Common Core State Standards in one convenient free app. A good reference for students, parents, and teachers to easily read and understand the core standards.		Also check out the Common Core Look-fors (Mathematics) app. It is an observation tool for the Standards for Mathematical Practice and Standards of Mathematical Content of the Common Core State Standards. http://itunes.apple.com/us/app/common-core-look-fors-mathematics/id467263974?mt=8	http://itunes.apple.com/us/app/common-core-standards/id439424555?mt=8
Desmos	A beautiful, free online graphing calculator	7 - 12		https://www.desmos.com/
Elevated Math	Free math app which allows initial instruction. Other apps available for \$1.99 each	6 - 12		http://itunes.apple.com/us/app/elevated-math/id435995971?mt=8
Flash to Pass	flash cards, easy to very difficult			http://itunes.apple.com/us/app/flashtopass-free-math-flash/id330482882?mt=8
FormulaHelp	FormulaHelp allows you to solve the quadratic equation, distance formula, and find the area and volume of many 2D and 3D objects.	7 - 12	Quickly solve equations and other problems, check work for accuracy, review equations.	http://itunes.apple.com/us/app/formulahelp/id354916594
Google Spreadsheets	web based application	k - 16	collaboration	
Gooru	search engine for learning-web based	5 - 12	research	http://www.goorulearning.org/gooru/index.g#/home
Grover's Number Special	Join Grover in the kitchen to catch - and count - ingredients to make delicious and nutritious meals	PreK-2	build important school readiness skills, including counting, number recognition, and object identification	http://itunes.apple.com/us/app/grovers-number-special/id339077101?mt=8
iCrosss	Build cross sections of polyhedra that are then displayed in 3D	4 - 8	Includes illustrations as well as formulas	
iFormulas	iFormulas provides an clean slate to effortlessly look up mathematical formulas. Categories: Algebra, Calculus, Chemistry, Geometry, Electrical, Trigonometry, Physics	7 - 12	Provides basics for Algebra, Calculus, Chemistry, Geometry or Trigonometry classes. It does not give you answers but provides an easy navigational guide.	http://itunes.apple.com/us/app/iformulas/id346888659?mt=8
iLiveMath Animals	Pictures with randomly generated word problems for addition, subtraction, multiplication, and percents in the context of animals from around the world		This is a series of apps available in a variety of ecosystems	http://itunes.apple.com/us/app/ilivemath-oceans/id371906187?mt=8
Jungle Education Apps	Lear about coins, making change, clocks, or fractions. Tutorials also included, gets harder with mastery	K-4	This is a series of apps created by Jungle Education to teach a variety of elementary math skills. Apps in this series include Jungle Coins, Jungle Time, and Jungle Fractions.	http://jungleeducation.com/
Kahn Academy	library of 3200 videos for learning and practice	7 - 12	math/advanced math and physics	http://www.khanacademy.org/
Kindergarten.com (aka. ABA Kinderarten)	A series of flashcards that help students identify shapes, colors, objects, etc.	PreK-1	This is a series of apps available for a variety of topics. Some are just flash cards, some quiz children on what they have learned.	http://kindergarten.com/
Knewton	adaptive learning platform			http://www.knewton.com/
Mangahigh	interactive math games. Free online platform	k-12	math practice	
Math Bingo	Review of multiplication, addition, subtraction, and division	k-6	math practice	http://itunes.apple.com/us/app/math-bingo/id371338715?mt=8
Math Glossary	Glossary of math terms with illustrations: includes definitions in Spanish	k-12	math definitions	http://itunes.apple.com/us/app/mathterms/id430508413?
Math Ready	A complete curriculum for grades K – 3. More than just practice and not a game. Instruction and practice allow the learner to master the prerequisite skills needed to meet the standards set by the Common Core National Standards.	K - 3	This is a series of twelve Apps by TeacherPower, LLC. The MathReady Program is a sequential supplemental K-3 math curriculum series.	http://teacherpower.net/products
Math Snacks	Short videos and interactive games about a range of math skills with supplemental pdf materials	3/8/2012	Math Snacks is home to the Math Snacks videos as well as games and apps like Lobster Diver and Pearl Diver	http://mathsnacks.org/
MathBoard	Math facts, problems, equations, quizzes, problem solving, and reference	K - 6	app for teaching addition, subtraction, multiplication and division problems	http://itunes.apple.com/us/app/mathboard/id373909837?
Mathination	Rearrange terms by dragging; simplify expressions by squeezing; and expand products by stretching. Instead of writing equations over and over again at each step, Mathination lets you concentrate on how to solve the equation without worrying about forgetting a sign or making a simple mistake when adding or multiplying.	7 - 12	Enter any algebra problem from any textbook and solve it with Mathination. Just type in the problem using Mathination's simple math keyboard and see it exactly as it shown in your textbook.	http://itunes.apple.com/us/app/mathination-equation-solver/id396330842?mt=8
Mathmagics	Learn and practice the tricks of mental math calculation in a fun and engaging application. Study any of the math tricks and then practice them as you progress through various levels of proficiency.	7 - 12		http://itunes.apple.com/us/app/mathmagics-mental-math-tricks/id306586847?mt=8
MathStudio	Whether you need a simple calculator to do your finances or a replacement for your TI graphing calculator, MathStudio is the most powerful and versatile calculator available on the App Store.	7 - 12	Calculator, algebra, calculus, 2D graphing, 3D graphing, time graphing, statistics, scripting.	http://itunes.apple.com/app/mathstudio/id439121011?mt=8

McGraw-Hill	Engaging math games on topics like number values, number lines, base 10, operations, fractions, etc.	PreK-6	This is a series of apps available for a variety of math topics, each one with a different math game. Some of these include Top-It, Monster Squeeze, Baseball Multiplication, and the Everyday Mathematics series of apps.	https://www.mhonline.com/apps/
Number Line	Drag fraction, decimal, and percent values into the correct order	3 - 5	number line practice and reinforcement	http://itunes.apple.com/us/app/number-line/id319589184?mt=8
Pearson - enVision Math	Pearson currently has two mobile apps that accompany the enVision Math program - SuccessMaker Speed Games and Understanding Fractions. These apps accompany the content and activities included at pearsonsuccessnet.com .	K-6	Pearson is working on creating more comprehensive apps to allow students and teachers to access enVision content on mobile devices.	http://www.pearsonschool.com/index.cfm?locator=PS1g6k&filter_423=&filter_42
Pizza Fractions	In chef's pizzeria your child masters the concepts of reducing, finding equivalent, naming, and comparing fractions with the aid of pizza picture examples. PocketCAS 3 is the most advanced mathematics application on the App Store. From elementary school maths all the way up to calculus, algebra and statistics, PocketCAS can do it all. It's an indispensable tool for every student, teacher and engineer.	3 - 6	This is a series of apps by Brian West. Brian has also created a number of other apps, such as Monkey Drills and Numberline Frog.	https://sites.google.com/site/brianwestappsite/
PocketCAS Pro	A powerful, high quality, graphic calculator that takes full advantage of the multitouch display and the powerful graphic capabilities of the iPad and iPhone, both in 2D and 3D. A simple, yet intuitive interface that makes it easy to enter and/or edit equations and visualize them in mathematical notation.	All	2D plots, 3D plots, calculus, linear algebra, algebra, solving, scripting, physical units.	http://itunes.apple.com/us/app/pocketcas-3-pro-mathematics/id517250782?mt=8
Quick Graph+ Scratch	interactive design of games, puzzles, and more	7 - 12 5 - 12	simple programming	http://itunes.apple.com/us/app/quick-graph/id292412367?mt=8 http://scratch.mit.edu/
Singapore Math Slader	This app teaches kids to visualize and learn the singapore math method.		3 problem solving	http://itunes.apple.com/us/app/singapore-math-bar-models/id461707896?mt=8
Solve	Featuring an innovative memory system to store and recall answers, Solve has four tabs that select four different calculators each with its own color. Multiply numbers, plot a graph and solve an equation all without clearing your results! Solve also includes several interactive tutorials to help you get started.	9 - 12	Simple calculator for everyday use or a graphing calculator for high school math.	http://itunes.apple.com/us/app/solve-formerly-mycalculator/id299460923?mt=8
Splash Math	For younger grades: 1st to 5th grade - good for students who are struggling			http://itunes.apple.com/us/app/1st-grade-math-splash-math/id463469532?mt=8
Super 7	Draw lines to combine numbered disks to create 7's			http://itunes.apple.com/us/app/super-7/id366612434?mt=8
Tic Tac Math Algebra	Solve linear equations, quadratics, exponentials, systems equations, multiplication, division, addition, and subtraction problems to get an X or 0, play alone or with a partner	3/6/2012	This is a series of apps by IPMG Publishing, LLC.	http://www.appspy.com/ipmg-publishing-llc-seller
TouchCalc	TouchCalc is a comfortable calculator program and offers several different modes. Scientific mode runs basic arithmetical operations, power, logarithm, roots, trigonometry etc. The bit/integer mode offers logical operations (AND, OR, XOR, >>, etc.) on bit level in 8, 16 32 or 64 bits. In the statistics mode you can create a sample by adding several values and then calculate mean, median, quantil values, variance, standard deviation, range etc.	9 - 12	Use for class demonstrations when a scientific calculator is needed.	http://itunes.apple.com/us/app/touchcalc/id286091993?mt=8
Video Calculus	Professor Burger explains Calculus concepts - pay to watch full videos			http://itunes.apple.com/us/app/video-calculus/id397996587?mt=8
Wolfram Algebra	This app covers topics applicable to Algebra I, Algebra II, and College Algebra.	7 - 12		http://itunes.apple.com/app/wolfram-algebra-course-assistant/id410592976?mt=8
Wolfram Alpha	This app knows everything about everything (almost)	7 - 12	Across thousands of domains--with more continually added--Wolfram Alpha uses its vast collection of algorithms and data to compute answers and generate reports for you.	http://itunes.apple.com/app/wolframalpha/id334989259?mt=8
Wolfram Calculus	This app covers topics applicable to Calculus, AP Calculus AB, AP Calculus BC, Calculus I, and Calculus II. Forget canned examples! The Wolfram Pre-Algebra Course Assistant solves your specific pre-algebra problems on the fly.	10 - 12		http://itunes.apple.com/app/wolfram-calculus-course-assistant/id410594105?mt=8
Wolfram Prealgebra	This app covers topics applicable to precalculus and trigonometry.	7 - 10		http://itunes.apple.com/app/wolfram-pre-algebra-course/id453096829?ls=1&mt=8
Wolfram Precalculus	This app covers topics applicable to precalculus and trigonometry.	9 - 12		http://itunes.apple.com/app/wolfram-precalculus-course/id434839548
Wolfram Statistics	This app covers topics applicable to Statistics and Introduction to Statistics.	10 - 12		http://itunes.apple.com/app/wolfram-statistics-course/id439249983?mt=8
YourTeacher Math	Searchable math lessons with short video and practice problems; could be used for individual students to review			http://itunes.apple.com/us/app/math./id469234810?mt=8