Elementary Math Applications for Smart Phones and Tablets

Application	Publisher	Description
Number Rack, by the Math Learning Center (Ages 5 to 8)	Clarity Innovations	The "Number Rack" facilitates the natural development of children's number sense. Rows of moveable, colored beads encourage learners to think in groups of fives and tens, helping them to explore and discover a variety of addition and subtraction strategies.
Number Frames, by the Math Learning Center (Ages 5 to 11)	Clarity Innovations	"Number Frames" help students structure numbers to five, ten, twenty, and one hundred. Students use the frames to count, represent, compare, and compute with numbers in a particular range.
10 Frame Fill (Ages 5 to 6)	Clarity Innovations How many more to make 10?	"10 Frame Fill" provides children with practice with recognizing additive "10 Families" (e.g. 1 and 9, 2 and 8, etc.) Set the 10 Frame to fill in sequence or randomly. Use contrasting color chips to fill the 10 frame as you determine the answer.
Number Pieces Basic, by the Math Learning Center (Ages 8 to 11)	Clarity Innovations	"Number Pieces Basic" helps students develop a deeper understanding of place value while building their computation skills with multi-digit numbers. Students can use the number pieces to represent multi-digit numbers, count, regroup, add, and subtract. The drawing tools allow students to label representations and show their understanding.
Number Pieces, by the Math Learning Center (Ages 8 to 11)	Clarity Innovations	"Number Pieces" helps students develop a deeper understanding of place value while building their computation skills with multi-digit numbers. Students use the number pieces to represent multi-digit numbers, regroup, add, subtract, multiply, and divide.
Math Vocabulary Cards, by the Math Learning Center (Ages 5 and beyond)	Clarity Innovations	"Math Vocabulary Cards" help students deepen their conceptual understanding of key terms in mathematics. Each card features three sections: a math term, a representative example or model, and a concise definition. Each section can be hidden or revealed providing multiple options for practice. Vocabulary cards can be selected individually or by category and switched seamlessly between English and Spanish.

Application	Publisher	Description
Geoboard, by The Math Learning Center (All ages)	Clarity Innovations	The "Geoboard" is a tool for exploring a variety of mathematical topics introduced in the elementary and middle grades. Learners stretch bands around pegs to form line segments and polygons and make discoveries about perimeter, area, angles, congruence, fractions, and more.
Educreations Interactive Whiteboard (All ages)	Educreations, Inc.	"Educreations" turns your screen into a recordable whiteboard. Creating a great video tutorial is as simple as touching, tapping and talking. Explain how you solved a math problem with pictures, numbers, and words.
Thinking Blocks Addition (Ages 7 to 10)	Math Playground	"Thinking Blocks Addition" teaches children how to model and solve word problems involving addition and subtraction. In this interactive tutorial, children are introduced to 6 problem solving models. The models help children organize information and visualize number relationships.
Thinking Blocks Multiplication (Ages 8 to 11)	Math Playground	"Thinking Blocks Multiplication" teaches children how to model and solve word problems involving multiplication and division. In this interactive tutorial, children are introduced to 6 problem solving models. The models help children organize information and visualize number relationships.
Thinking Blocks Fractions (Ages 8 and up)	Math Playground	"Thinking Blocks Fractions" teaches children how to model and solve word problems involving fractions and whole numbers. In this interactive tutorial, children are introduced to 6 problem solving models. The models help children organize information and visualize number relationships.
Number Line (Ages 6 and up)	Clarity Innovations 1 2 3	"Number Line" helps students visualize number sequences and model strategies for addition, subtraction, multiplication, and division. It can be used to represent sequences of numbers, including whole numbers and multiples of a variety of numbers.

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Balance Me Lite (Ages 7 and up)	Thomas Testasecca	"Balance Me Lite" helps to increase mental math skills through an intuitive physics-based game. Hook weights and balloons at the right position to balance the scale to solve the equation.
Common Core Standards (All ages)	Mastery Connect CORE	"Common Core Standards" is an app that can be used for students, parents, and teachers to view the Common Core State Standards. Quickly find standards by subject, grade, and subject category (domain, cluster).
Math Rings (Ages 8 and up)	Rajinder Singh	"Math Rings" is a puzzle that has a total of four equations to be solved. The goal of the puzzle is to arrange the circular cells in a way that all rows solve a mathematical equation.

For additional information on the Nevada Academic Content Standards for Mathematics visit RPDP.net

