

# HERE THEY ARE: THE BEST IPAD APPS FOR TEACHING MATH IN THIRD, FOURTH AND FIFTH GRADES!

More and more people are turning to iPads as motivating teaching tools. With thousands of math applications available, how do you choose the right ones to support and strengthen your classroom teaching? Discover the best, most valuable math apps currently available. Your students will love practicing number sense, fractions and problem-solving in an engaging new way, and they'll love you for introducing them to these outstanding apps.

# PLACE VALUE

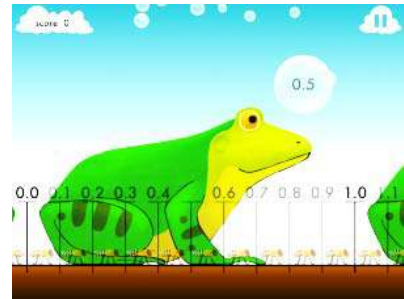
**Motion Math Zoom:** <http://motionmathgames.com>

Free - 6 levels

5.99 - Full app has 24 levels

**What's to like:**

- Great graphics!
- Master place value from the thousandths to the thousands.
- Locate integers, negatives, and fractions on the number line.



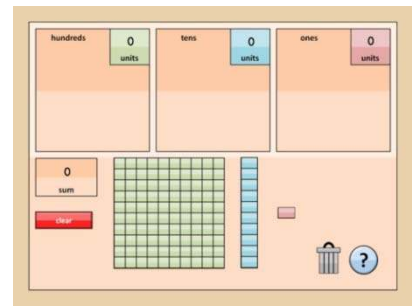
**Base Ten Number Blocks:**

<http://bit.ly/BaseTenNumberBlocks>

\$0.99

**What's to like:**

- Auto regroups.
- No problems provided, just practice with making numbers.



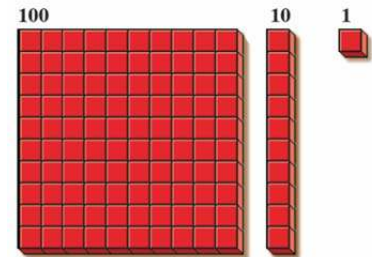
**Hands-On Math Base Ten Blocks:**

<http://bit.ly/Hands-OnBaseTen>

\$1.99

**What's to like:**

- Prompts regrouping with arrows.
- Whole numbers to hundreds and decimals to hundredths.



**Stamp Game:** <http://www.montessoritech.net/StampGame.html>

\$4.99

**What's to like:**

- Automatically regroups when you drag between values.
- Whole numbers to thousands.



## ADDITION & SUBTRACTION

### Motion Math Hungry Fish: <http://motionmathgames.com>

Free - to start  
\$8.99 - all levels



#### What's to like:

- Practices mental arithmetic.
- Uses multiple paths to add up to every sum.
- Includes adding and subtracting positive and negative integers.

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### NxtApp for Kids: <http://bit.ly/NxtAppforKids>

\$1.99



#### What's to like:

- Interactive feedback: correct answer is provided.
- Players are provided a sequence of four numbers with one missing. Find the pattern and solve for the missing number.
- Includes positive and negative numbers.

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### Sums Stacker and Math Doodles:

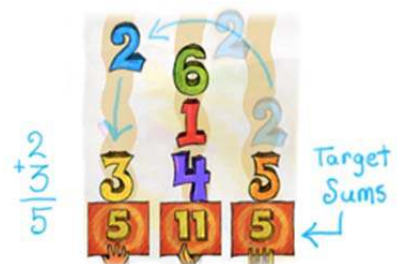
<http://www.carstensstudios.com/mathdoodles/mathdoodles.htm>

\$0.99 – Sums Stacker

\$2.99 – Math Doodles - Includes Three games: Sums Stacker, Connect Sums and Unknown Square

#### What's to like:

- Multiple representations:
  - ✓ Dice
  - ✓ Fingers
  - ✓ English Words
  - ✓ Roman Numerals
  - ✓ Hole Tiles
  - ✓ Numerals
  - ✓ Spanish Words
  - ✓ Random Design
- Great graphics!
- Basic sums through problem-solving practice.



## MULTIPLICATION & DIVISION

**Motion Math Wings** - <http://motionmathgames.com>

Free preview  
\$7.99 for all levels

**What's to like:**

- Love the array visuals!
- Develops a conceptual understanding of multiplication.
- Practice with mental multiplication.



**Factorama** - <http://bit.ly/factorama>

\$0.99

**What's to like:**

- More game than basic practice.
- Focus on factor pairs.



**Sushi Monster**: <http://bit.ly/sushimonster>

Free!

**What's to like:**

- Scholastic App.
- 12 sequenced levels (7 addition & 5 multiplication) with 4 rounds in each level.
- To be successful, students need to view all number combinations & plan ahead to complete the level.



**Factor Pop**: <http://bit.ly/FactorPop>

\$0.99

**What's to like:**

- Low-tech, but many levels make it engaging.
- Find either factors or multiples of a given number & pop them.



## FRACTIONS, DECIMALS, PERCENTS

**Motion Math:** <http://motionmathgames.com/motion-math-game/>

\$2.99



**What's to like:**

- Uses the accelerometer to make the game more engaging.
- Practices estimation of fractions, percentages, decimals and pie charts.
- Locate the many representations of fractions on a given number line.

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**number line:** <http://www.numberlineapp.com/>

Free!

**What's to like:**

- Integrates fractions, decimals and percentages on a number line.
- Best used as a practice activity after all three concepts have been taught.



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**Fraction Math:** [http://idevbooks.com/apps/fraction\\_math.php](http://idevbooks.com/apps/fraction_math.php)

\$3.99



**What's to like:**

- Teaches and practices the four operations with positive and negative fractions.
- Also has improper fractions and mixed numbers.
- Very customizable.
- Walks students through the process, step by step.

## LOGIC

**Set Pro HD:** <http://bit.ly/setforipad>

\$4.99

**What's to like:**

- Awesome tutorial!
- Six modes of play.
- iPad version of great card game. Card deck is around \$10 at Target or Wal-Mart.
- Daily online challenge is free at: [http://www.setgame.com/set/puzzle\\_frame.htm](http://www.setgame.com/set/puzzle_frame.htm)



**Azada:** <http://bit.ly/azadaforipad>

\$4.99

**What's to like:**

- Serious puzzling with a storyline.
- 40 unique logic, memory and sequencing puzzles.
- Great for kids and adults!



**Rush Hour:** <http://bit.ly/azadaforipad>

**ThinkFun:** <http://www.thinkfun.com/microsite/rushhour>

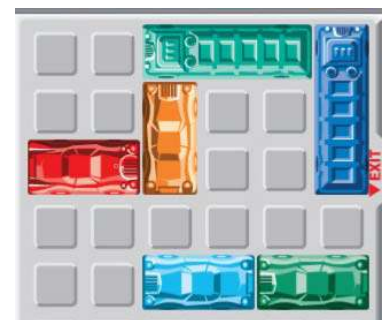
\$2.99

**Unblock Me version:** <http://bit.ly/UnblockMeforipad>

Free

**What's to like:**

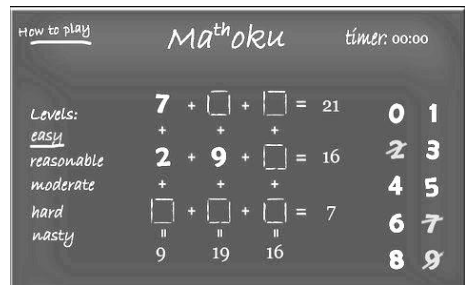
- Plays just like the board game with no pieces to lose.
- Simple and addictive puzzle game.
- Thousands of puzzles at four levels.



# MIXED OPERATIONS

**Mathoku Jr.:** <http://bit.ly/MathokuJr>

- \$0.99
- 2 x 2 grid
- Over 5000 possible games at each level.



**Mathoku Lite:** <http://bit.ly/MathokuLite>

- Free!
- Millions of games at the easy and reasonable levels, but just one game at each of the higher levels; moderate, hard and nasty.

**Mathoku:** <http://bit.ly/Mathoku>

- \$1.99
- Five levels, millions of combinations.
- Positive and Negative numbers.

**What's to like:**

- Computation and problem solving.
- Plays like a logic game, so highly engaging.

**Nine Gaps:** <http://www.ninegapsapp.com/>

\$0.99

**What's to like:**

- Similar to Mathoku.
- Five levels of difficulty.
- Mixed operations, no negative numbers.

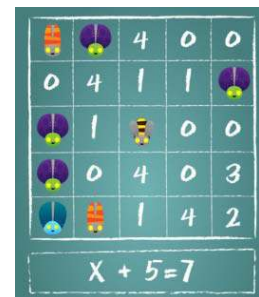


**Alge-Bingo:** <http://bit.ly/alge-bingo>

\$0.99

**What's to Like:**

- Start with basic four operations.
- Work your way up to solving multi-step algebra equations.
- Uses x in equations:  $x + 2 = 5$     $x - 2 = 4$     $9x = 72$     $x/4 = 4$





## 24 Game

**Official version:** <http://bit.ly/24gameforipad>

**Combine 4 version:** <http://www.combine4.com/>

\$0.99



### What's to like:

- Designed for iPod/iPhone, looks ok on an iPad.
- Add, subtract, multiply or divide the four digits to get to 24, just like the card game.
- Combine 24 version has multi-player mode over Bluetooth.

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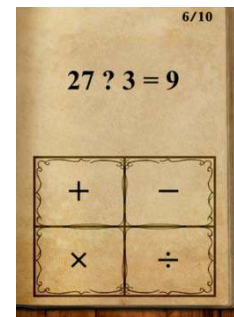
## King of Math: <http://oddrobo.com/kingofmath>

Free: Addition/subtraction and mixed

\$0.99 gets full app. BEST BUY!

### What's to like:

- Missing addends, missing signs, not your standard video flash card practice.
- Full app includes:
  - ✓ Multiplication
  - ✓ Arithmetic
  - ✓ Fractions
  - ✓ Statistics
  - ✓ Division
  - ✓ Geometry
  - ✓ Powers
  - ✓ Equations



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## Middle School Math HD: <http://bit.ly/MSMathHD>

\$2.99

### What's to like:

- Integer operations, roots, squares, powers, order of operations and proportions.
- Ordering Numbers, Coordinate Plotting, Place Value, Multiples and operations practice.

