

Long Division Mathematics 1.6 Math App for iPhone and iPod touch

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Finland based Independent developer Esa Helttula today introduces Long Division Mathematics 1.6, an update to one of his 18 math instruction apps for the iPhone, iPod touch, and iPad. The Long Division Mathematics 1.6 math app can be used to teach and study the long division method. The app is easy to use and it has an intuitive interactive interface with customizable colors and other settings. As all math apps by Esa Helttula, Long Division is also suitable for special education students.

Espoo, Finland - Independent developer Esa Helttula today is pleased to announce the release and immediate availability of Long Division Mathematics 1.6 an update of the educational math app for iPhone and iPod touch. Parents and educators find the app very useful because it allows children to master the difficult long division method in an intuitive and fun way.

Educational app review (iear.org) rated the Long Division app AAA, the highest rating. Purpose, program functionality and overall educational value were all rated A. From the review: "My third graders loved learning with this app! It has infinite enriching and differentiating possibilities".

Wired called them "A Set of Excellent iPhone Math Apps for the Older Child" and the Long Division app was "Very clear, and very useful.". Schools worldwide use the math apps by Esa Helttula.

Teacher Endorsements:

Z. R. Prowell, Edina, Minnesota, USA: " There are students who see my examples who still need some guidance, and after using the app have said, "Now I get it." The feature of selecting possible solutions in each step helps some of my students who are still building their multiplication facts."

R. Zeni, Abbotsford, BC, Canada: "The math apps by Esa Helttula allow students to practice and reinforce the specific computation strategies taught in class, with as much or as little scaffolding as necessary. I am so glad to have come across this great educational tool!"

J. Bryson, Kings Mountain, North Carolina, USA: "They seem to think we - as teachers don't know how to do math - but when they see the app solve it the same way we told them - it reinforces what we have been trying to teach them."

Special education teachers use apps by Esa Helttula because they have some key characteristics that make them suitable also for special education students. The apps have no timers, no punishments for wrong answers and the interface is clean without any distractions.

A teacher at a K-12 school that serves students with emotional disturbances and Autism. "My students have responded particularly well to the Long Division app. What they like about this app is that they are guided through the steps of solving the problem and there is very little room for error. For students with emotional disturbances math can be very frustrating, and with the guidance and support of step-by-step problem solving strategies they feel as if they can achieve. Also, the more positive reinforcement - the better."

Many children and adults have problems with the long division method, which is the standard method for dividing numbers. The Long Division app allows the user to solve long

division problems step by step and animates all the steps. In the steps the user will divide, multiply or subtract. The correct answer will always fly to the right place. This way of learning has been proven to be helpful.

If the user presses the wrong button the answer will appear above the keyboard but it will not move. Tim Pelton, professor of Mathematics Education, wrote in his 'Tap Tap Math' blog about the Column Subtraction app: "With the 'show current operation' option turned on, they are constantly reminded of the next step, which can lead to efficient practice of the procedure. Then by turning off the current operation your child is able to practice remembering the steps on his/her own. Because no wrong entries are allowed the app provides a passive form of positive reinforcement and your child will likely improve in both confidence and competence with respect to the procedure. However, to support learning and understanding in mathematics you need to take an active role in assessing understanding and challenging your child to explain their thinking." All apps by Esa Helttula use the same basic principles that professor Pelton describes.

Solving long division problems is also excellent subtraction and times tables practice. The app is easy to use and it has an intuitive interface with customizable colors and other settings.

"The best part of this business is getting positive feedback from parents and educators and it is always a pleasure to add features that have been requested" said Esa Helttula. "I look forward to more customer feedback."

Version 1.6 of the app has the following new features that were requested by users:

- * The app will now add zeroes to the dividend if decimals are allowed
- * The divisor can be bigger than the dividend
- * The divisor can have decimals (previously only the dividend)
- * The divisor can have 1-3 digits (previously 1-2)
- * The dividend can have 1-5 digits (previously 2-5)

Other features of Long Division Mathematics 1.6:

- * The dividend can have decimals
- * The current operation for each step can be hidden
- * The operands for the current operation can be highlighted
- * There are 3 different themes: black, gray and gold
- * The speed of the animations can be set

Device Requirements:

- * iPhone, iPod touch, and iPad
- * Requires iPhone OS 3.0 or later
- * 0.5 MB

Pricing and Availability:

Long Division 1.6 is only \$3.99 (USD) and available worldwide exclusively through the App Store in the Education category. Educational customers are eligible to a volume purchase discount.

Long Division Mathematics 1.6:

<http://idevbooks.com/apps/division.php>

Purchase and Download:

<http://itunes.apple.com/us/app/long-division-mathematics/id341041204?mt=8>

prMac: Publish Once, Broadcast the World :: <http://prmac.com>

YouTube Video:

http://www.youtube.com/watch?v=FBLiuxtX_QM

Screenshot:

<http://a1.mzstatic.com/us/r1000/055/Purple/9e/ed/45/mzl.jqihhjxk.320x480-75.jpg>

App Icon:

<http://a2.mzstatic.com/us/r1000/030/Purple/0e/c8/df/mzl.yhjyffym.175x175-75.jpg>

Teacher Endorsements and Classroom Pictures:

<http://www.idevbooks.com/apps/endorsements.php>

Esa Helttula is an independent developer located in Espoo, Finland. He specializes in apps for the iPhone OS that help teach math skills. He is formerly an algorithm visualization researcher at the university of Tampere in Finland. Copyright (C) 2011 Esa Helttula. All Rights Reserved. Apple, the Apple logo, iPhone and iPod are registered trademarks of Apple Inc. in the U.S. and/or other countries.

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