appleSTEMs

Science Technology Engineering Math Software for iOS and OSX

> Warren W. James December 21, 2015

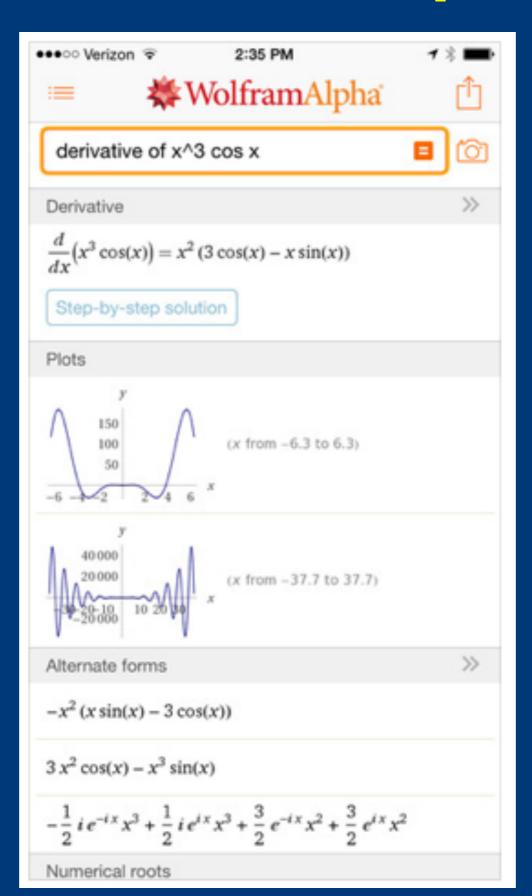




- A knowledge engine that answers questions from a wide range of subjects
 - Not a search engine it's an answer engine
- Subjects include:
 - Math
 - Physics
 - Chemistry
 - Engineering
 - Astronomy
 - and many more
- iOS 7.0 and later
- iPhone, iPad and iPod Touch
- \$2.99







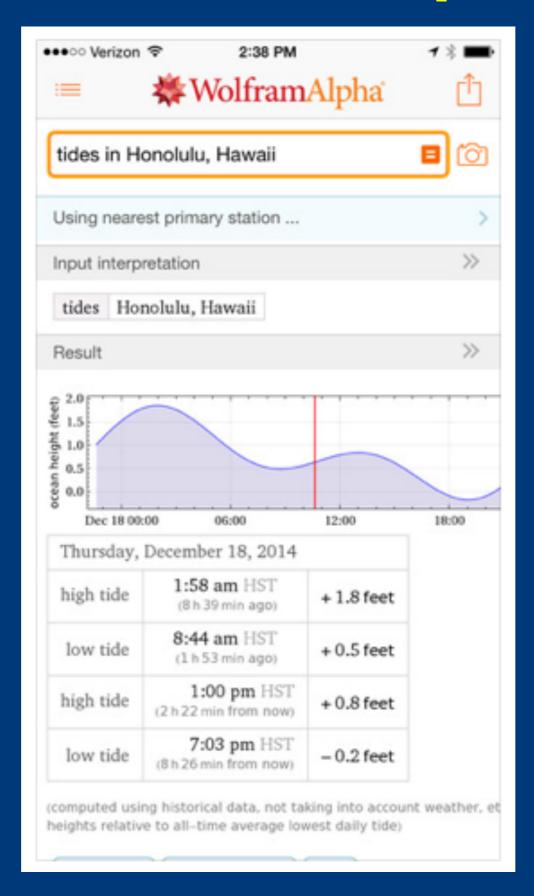




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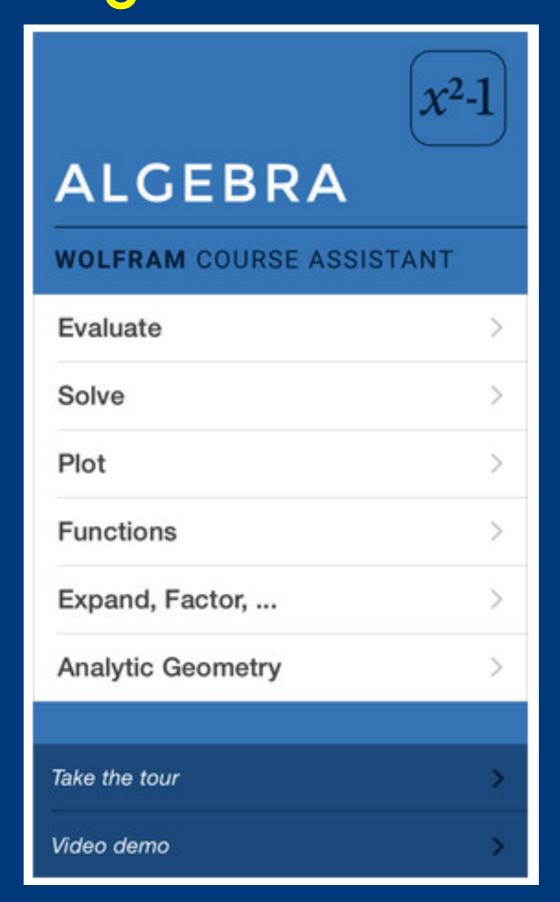




- Designed to help students taking Algebra
- A math engine that explains algebra concepts and shows how to solve algebra problems
- Can :
 - Evaluate numeric expressions
 - Simplify fractions, roots, etc
 - Solve a single equation or system of equations
 - Plot equations
 - expand polynomials and factor expressions
 - and much more
- iOS 7.0 and later
- iPhone, iPad and iPod Touch
- •\$1.99

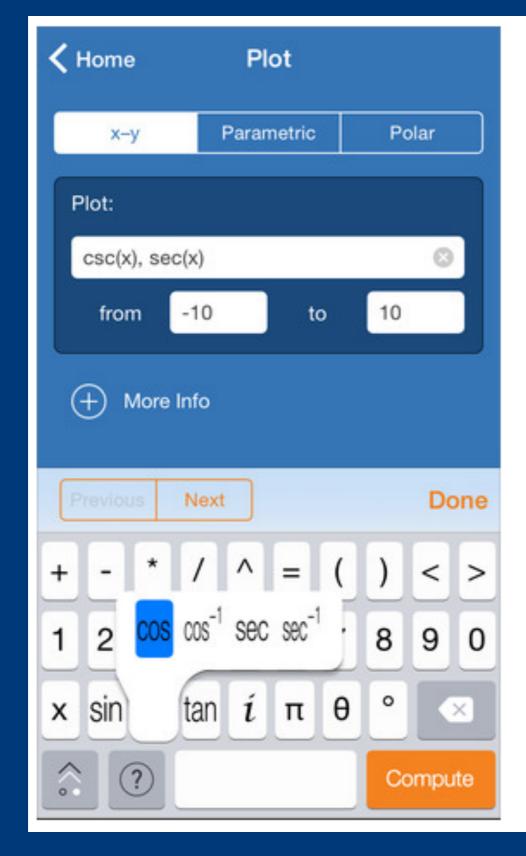


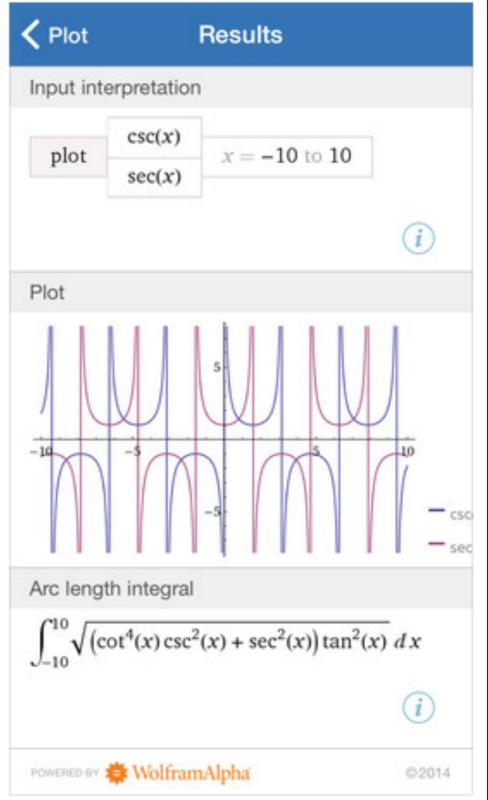


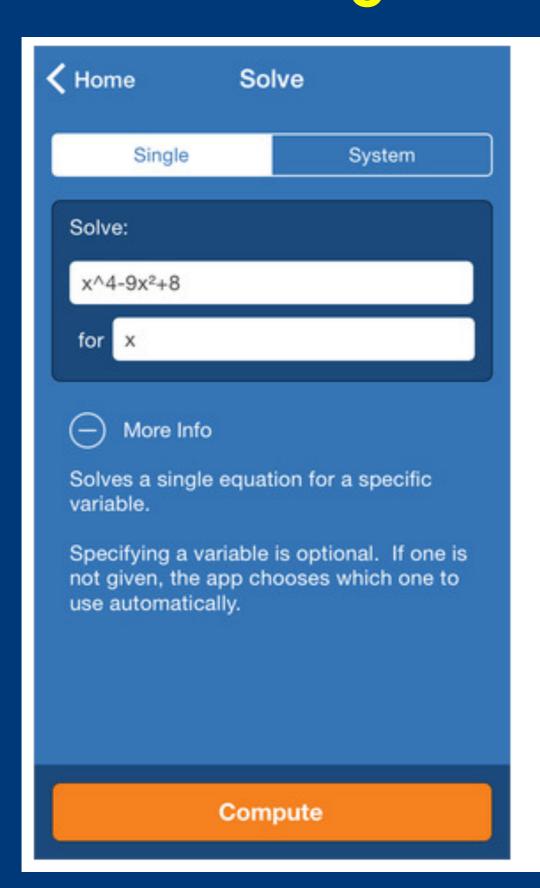












Solve	Results
Results	
$x = \pm 1$	
$x = \pm (2\sqrt{2}) \approx \pm$	2.8284
Possible intermediat	e steps
Solve for x:	
$x^4 - 9x^2 + 8 = 0$	
Substitute $y = x^2$	2:
$y^2 - 9y + 8 = 0$	
The left hand side	e factors into a product with
two terms:	
(y-8)(y-1)=0	
Split into two equ	uations:
y-8=0 or y-	

Season's Wishes from a Math Geek

$$y = \frac{\log_e\left(\frac{x}{m} - sa\right)}{r^2}$$

Season's Wishes from a Math Geek

$$y = \frac{\log_e \left(\frac{x}{m} - sa\right)}{r^2}$$

$$yr^2 = \log_e \left(\frac{x}{m} - sa\right)$$

$$e^{yr^2} = \frac{x}{m} - sa$$

$$me^{yr^2} = x - msa$$

$$me^{rry} = x - mas$$

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If you have a favorite STEM app then tell me about it via email wwjames@earthlink.net