

Lesson From America

SMC Conference Saturday 5th March 2011

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This talk will have a....

Beginning Brief outline of the American experience.

Middle

Showcasing lesson activities. And some hands-on stuff.

End Will come too soon!

And you can download all that you see today from

www.CalculatorSoftware.co.uk/smc

"The 2010 Anja S. Greer Conference On Secondary School Mathematics, Science And Technology"

Stirling SMC Conference, Scotland

1 Day only. You can attend 4 standalone workshops. That's it.

Anja S. Greer Conference, USA

5 Days long. Choose two courses to follow over the 5 days. Each course has a 2 hour workshop each day. You can also attend 4 other standalone workshops each day.

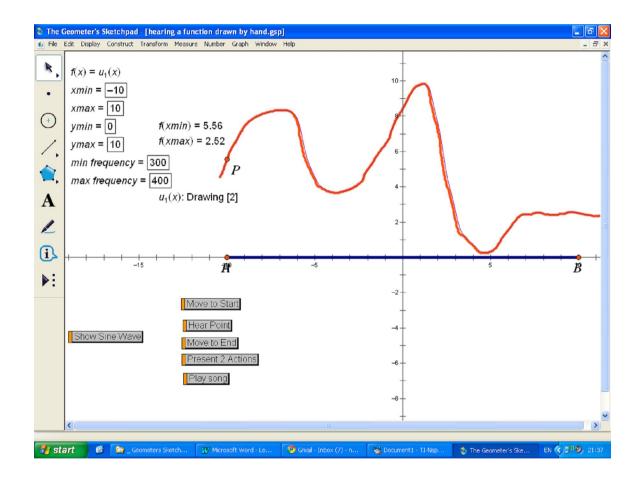
Activities from the Courses

Geometer's Sketchpad Noisy Graphs

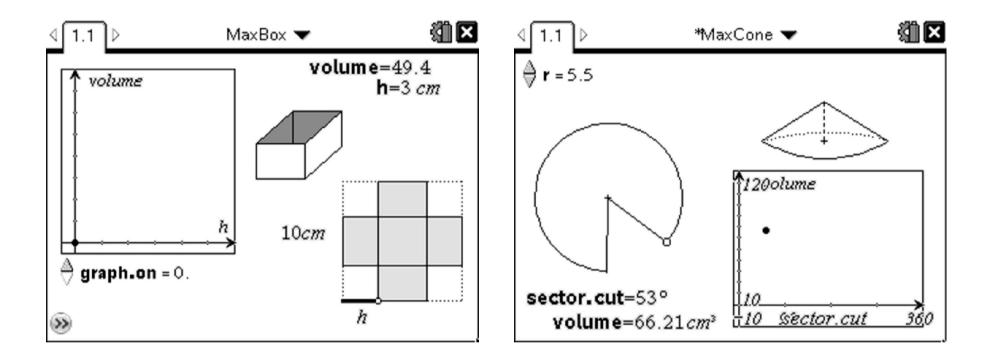
TI-Nspire Max Box & Max Cone Warehouse Problem Two or Root Two Teaching Maths Using Computer Algebra Systems

Activities from the Standalone Workshops TI-Nspire Parabolic Reflectors Parabola Tangents

Noisy Graphs

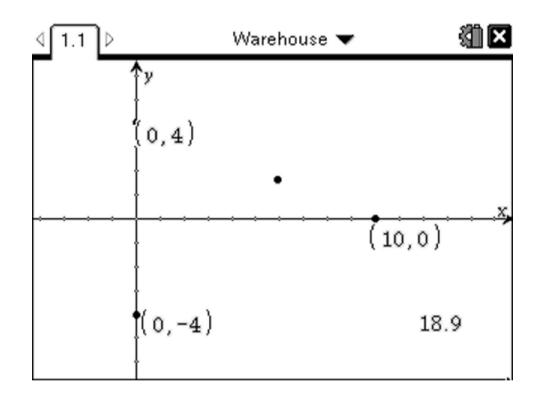


Max Box & Max Cone



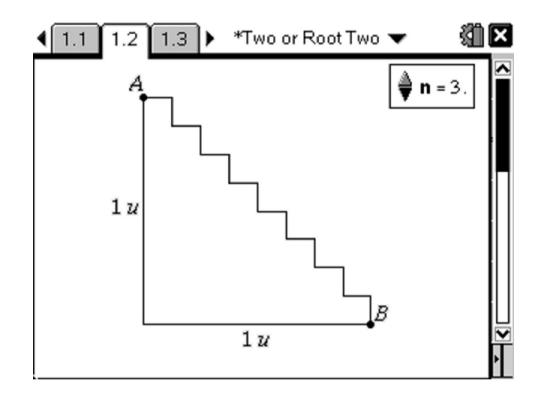
An old favourite ... and a new variant!

Warehouse Problem



Optimise the location of a warehouse to be the minimum total linear distance from 3 outlets.

Two or Root Two



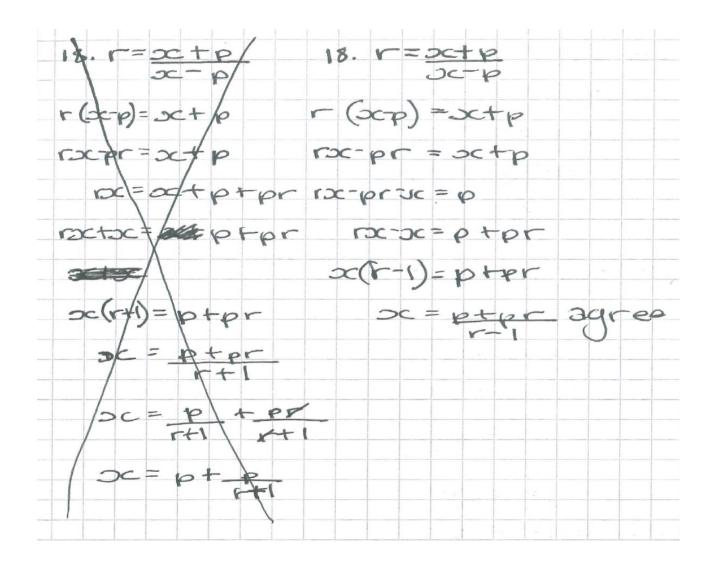
When is a limit ... not a limit?

Teaching Maths Using Computer Algebra Systems

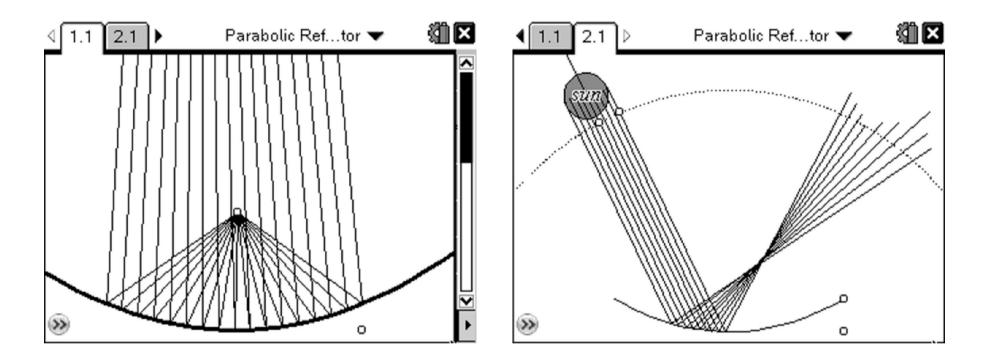
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|---------------------------------|------------|
| © Make the following read as x= | |
| $r = \frac{x + p}{r}$ $r =$ | <u>x+p</u> |
| <u>x-p</u> | <u>x-p</u> |
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Elizabeth's Jotter

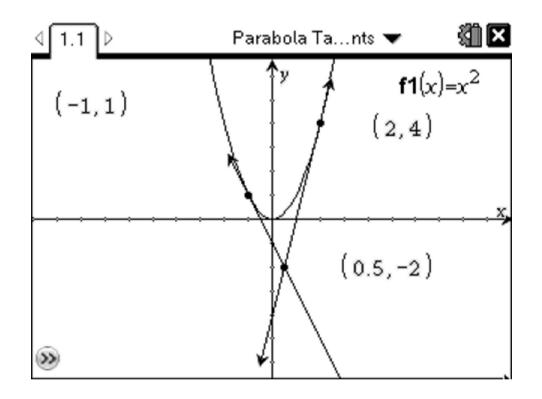


Parabolic Reflectors



Why we should teach students about the quadratic function!

Tangents to a Parabola



Investigate the connection between the coordinates of tangent points on a parabola and the intersection point of these tangent lines. Want More of 'Lesson from America'?

www.CalculatorSoftware.co.uk/smc

Thank You for choosing to attend this session.