

Dr Math at your Service

4th Biennial Conference



Laurie Butgereit

October 9, 2012

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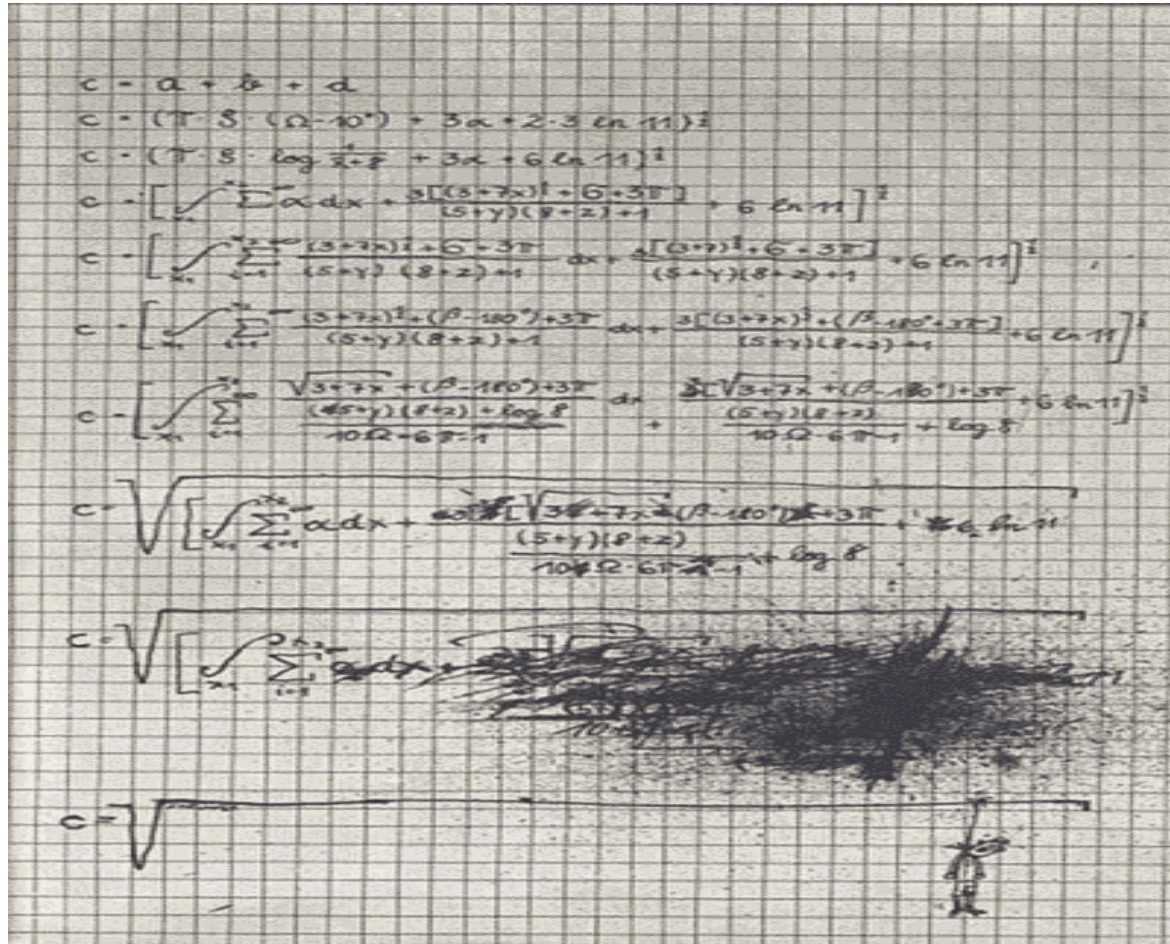
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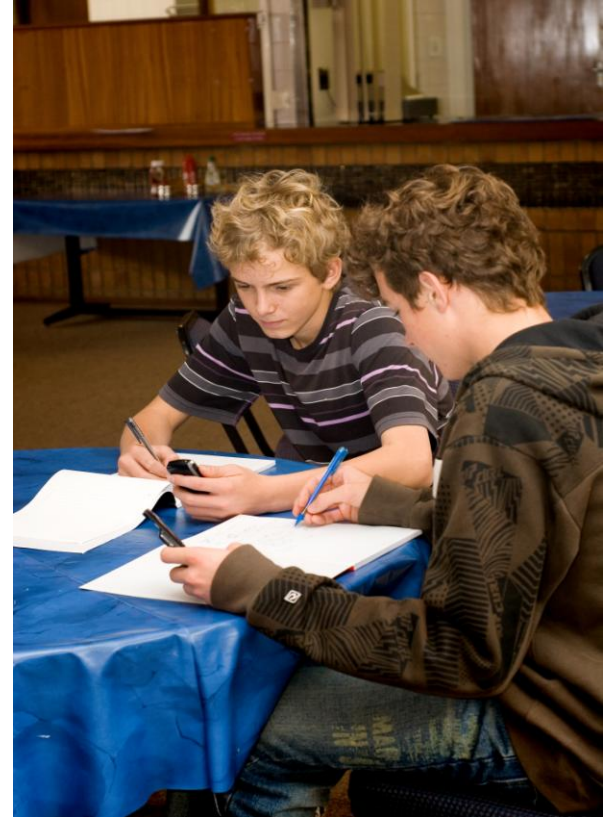
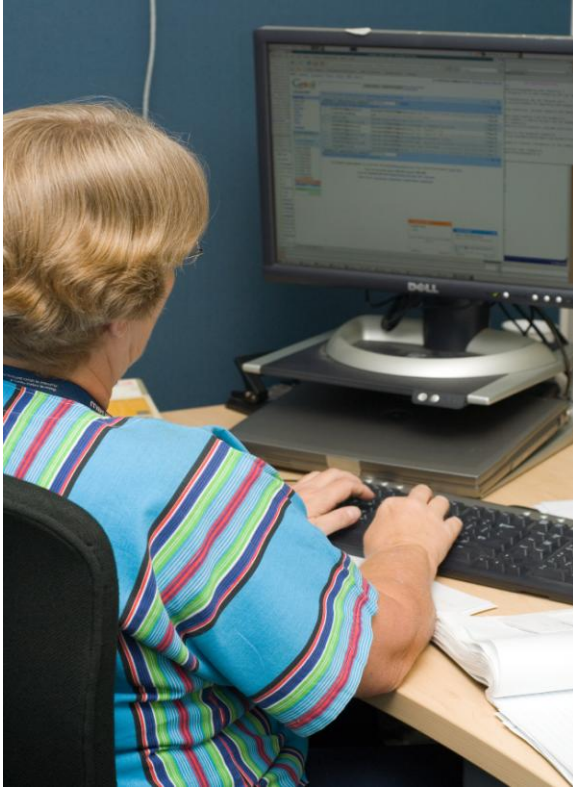
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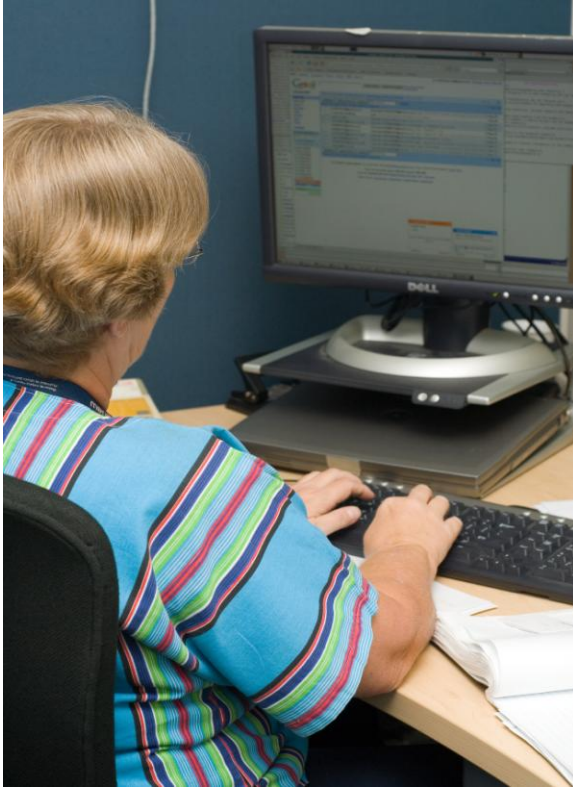
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and 99% perspiration

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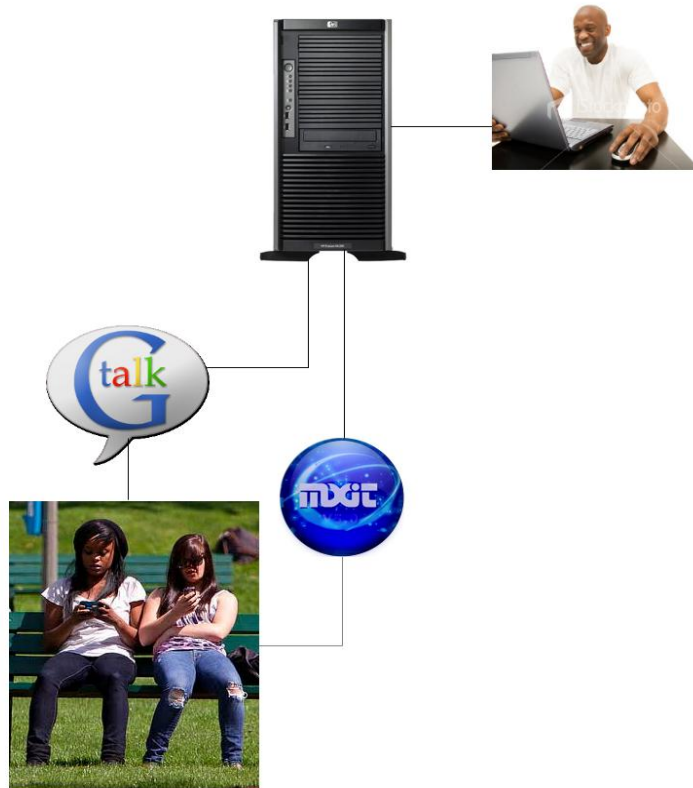
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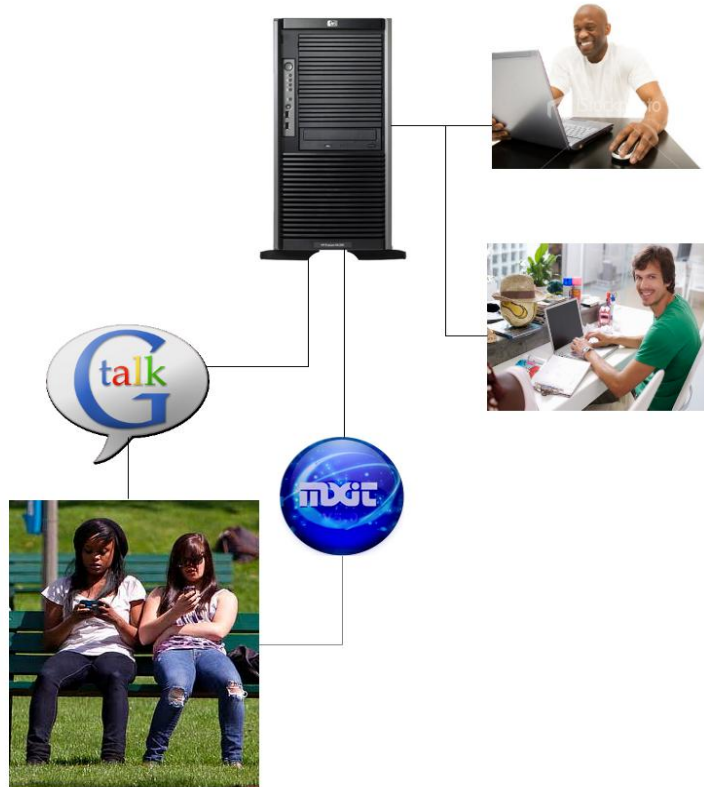
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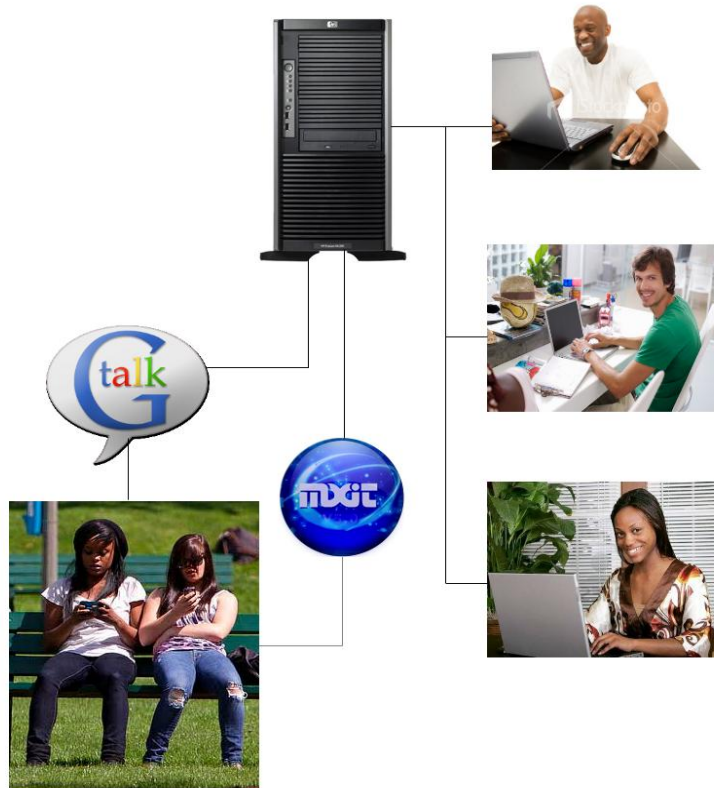
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Sample Conversation

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Dr Math: sure type in the fraction you have

Pupil: 1 ova 15

Dr Math: so do the actual division what is one divided by 15

Pupil: is 15

Dr Math: no use a calcluator

Pupil: 0,06

Dr Math: well it is 0,0666666 recurring right?

Pupil: yes it is

Dr Math: now for a percentage, move the decimal 2 points to the right so it is 6.666% recurring then round to 6.67%

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C3TO

You are tutoring : drmath mathlete

unknown: hi there, how can i help with math today?
 Dr Math: Solve for x
 unknown: sure type in the equation you have
 Dr Math: type in your equation?
 unknown: X²-24x+12
 Dr Math: does it = 0 ?
 unknown: Yp
 Dr Math: and is x² meaning x squared?
 unknown: Squard
 Dr Math: i will use ^ for exponent so you have

$$x^2 - 24x + 12 = 0$$

what grade you in? do you know the quadratic equation?
 unknown: 10
 Dr Math: so use the quadratic equation
 unknown: And thn
 Dr Math: it will give you two values for x. so the quadratic equation is

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

where +- means plus or minus
 unknown: K
 Dr Math: tell me what two answers you get
 unknown: -0.52 or -23.48
 Dr Math: are you sure that x² - 24x + 12 = 0 is right? those are ugly numbers for a high school math problem.
 unknown: Nah its lyk ths (x sqrt-24x+12=0
 Dr Math: when you type sqrt do you mean squared or square root

Please tell us if
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Over 45,000 registered pupils since 2007

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Over 700 registered tutors since 2007

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Over 1,000 actual hours

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2012 Statistics



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Over 1,000 actual hours

Over 2,500 “effective” hours

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2012 Statistics



91 Volunteer tutors

Over 1,000 actual hours

Over 2,500 “effective” hours

Over 9,000 pupil-tutor interactions

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South African PhD student in the UK uses the platform to tutor Life Orientation and Life Skills

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