# UK MATH CLUB

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#### Imaginary numbers: Are they real-ly needed?

In his study on the *Psychology of Invention*, Jacques Hadamard has written that "the shortest and best way between two truths in real domain often passes through the imaginary one." My intent is to illustrate this point by way of example, and to further suggest that real progress is sometimes purely imaginary.

### 4 pm, Wednesday 19 September 2001 CB 331

## Pizza and math!

http://www.ms.uky.edu/~mathclub