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March 2003

Issue 24

features...

One million dollars is waiting to be won by anyone who can solve one of the **grand mathematical challenges** of the 21st century. But be warned...these problems are hard. In the first of two articles, Chris Budd explains how to hit the bigtime.



Howzat!

Numbers are bandied around all the time in sports coverage – and **cricket** is particularly rich in statistics and rankings. It has probably not escaped your attention that the World Cup of cricket has just finished in South Africa (Australia won – again) and so to mark the occasion, Rob Eastaway tells *Plus* what it takes to be the best.



Through the looking-glass

Some molecules – thalidomide, for example – come in both left and right handed versions, while others are indistinguishable from their reflections. *Plus* finds out about the role of mathematical **symmetry in chemistry**.



Career interview: Defence analyst

Helen is a defence analyst with the MoD, using her maths skills to help defend the nation. *Plus* finds out about her career path.



Plus is part of the family of activities in the Millennium Mathematics Project, which also includes the NRICH and MOTIVATE sites.