Week 40 (6/16/03)

## Staying ahead

In a two-way election, candidate $A$ receives $a$ votes and candidate $B$ receives $b$ votes, with $a>b$. If the ballots are removed one at a time from the ballot box, and a running total of the score is kept, what is the probability that at all times $A$ 's sub-total is greater than or equal to $B$ 's sub-total?

