Credits...

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IN DISCRETE

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Using Discrete Mathematics
in the Classroom

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Encouraging words...

Read any good discrete mathematics textbooks lately? Do you have a good story or problem involving discrete mathematics? Have your students worked on interesting projects? Don't keep it to yourself! Share your ideas and experiences with other readers of *In Discrete Mathematics*. Even if you don't have a "finished article," send a brief outline or description to Deborah Franzblau (telephone: 908-932-4573) or franzbla@dimacs.rutgers.edu to discuss your idea.

Subscriptions...

Please send us the name, address, phone number, and school of any teacher who should receive a copy of this Newsletter, and we will include him/her on our mailing list. (See back page for form.)

Solutions...

Pizza Cutting (p. 8)

If p(c) is the number of pieces with c cuts, p(c) = 1 + 1 + 2 + ... + c= 1 + (c+1)(c)/2.

Zip Codes (p. 10)

The correct zip code is 14207-9967 (the error is in block 5).

You can only correct 2 errors if they are in the same block and you know which block. For example, suppose the true code is 00000-333 (check digit 1), but you read 60000-333. The true code might just as well be 60400-333 if all you know is that 2 errors are made.

TSP example (p. 3)

