## Credits...

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Joseph G. Rosenstein is Director of the LP and Founding Editor of the Newsletter. Valerie DeBellis is Associate Director of the LP.

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### Submissions...

In Discrete Mathematics welcomes contributions from readers, especially short articles about your experiences while using discrete mathematics in the classroom.

Send descriptions and reviews of resources (books, articles, software, videos, etc.) to Janice Kowalczyk, jkowalcz@k12.brown.edu. All other contributions should be sent to the Editor, Deborah Franzblau by email at franzbla@dimacs.rutgers.edu. Or write us at the address on this page.

# Picture Puzzles... (p. 12)

Kites, by Judy Brown (LP '92), who teaches at Pleasant Valley Middle School (PA). She creates her problems using PrintShop.

Our answer: 23 kites total. 7 kites in the sky + 16 paths through the triangular array that spell "KITES".

Map, by Jake Moore, a student at Mandarin High School (FL); his teacher, Lillis Weber (LP '90), said that her class was stumped for days trying to 4-color his map.

## Solutions ...

Radio Telephone problem on p. 10: Three frequencies are needed since three colors are needed to color the vertices of the "interference" graph below. The vertices represent the zones, and edges are drawn between zones that interfere.

