

The Singapore Mathematical Society (SMS), a constituent body of the Singapore National Academy of Science, is a non-profit organization set up in 1952 for the promotion of mathematics and mathematical education in Singapore. The Society has about 200 individual and institutional members. Over the years, SMS has organized various annual mathematical competitions at the national level, undertaken the training of the national team to the International Mathematical Olympiad (IMO), sponsored many international as well as regional conferences in mathematics held in Singapore, and presented numerous public lectures by local and foreign mathematicians.

Despite these activities, the outreach of the SMS to secondary school students and teachers is limited. The mathematical competitions organized by the SMS have been catering only to the top students. It is felt that in order to promote mathematics in Singapore effectively,

... it is essential that the SMS has the full support of the students and teachers of Singapore. We invite all who are interested in the promotion of mathematics to join us as members . . .

Further information on the SMS can be obtained from the Society. Please contact the Assistant Honorary Secretary, Dr. Ling San, at 772-6578.

The Singapore Mathematical Society
 c/o Department of Mathematics
 National University of Singapore
 Kent Ridge, Singapore 0511

SMS must try to reach out to the majority of the secondary school students and teachers. To this end, in 1994, the SMS has offered enrichment programmes for students and teachers, published a problem book entitled "Challenging Problems in Mathematics", and organized a workshop for teachers on the running of school mathematics clubs. The Society will revamp its mathematical competitions in 1995 so that more students can be encouraged to participate, re-focus its publication, *Mathematical Medley*, to the interests of secondary school students and teachers, organize more enrichment programmes at different levels in the future.

With all these ambitious plans, it is essential that the SMS has the full support of the students and teachers of Singapore.

We invite all who are interested in the promotion of mathematics to join us as members and take an active part in our activities. Enclosed please find a membership form and questionnaire. M²

The Singapore **M**ath

Singapore Mathematical Society Membership Form and Questionnaire

Name: _____ Sex: M/F School: _____

I am a Teacher Student (Level _____) Others (Please specify _____)

I am a member of SMS? Yes/No

Members of SMS receive the publication *Mathematic Medley* free of charge and are entitled to discounts in the participation of the Society's activities. If you would like to be a member of SMS, please provide the following information:

Address: _____

School (for Junior Membership only): _____

Please send this form to The Honorary Treasurer,
Singapore Mathematical Society,
c/o Department of Mathematics, Kent Ridge, Singapore 0511,
together with remittance (by cheque/money order/bank draft)
made payable to **Singapore Mathematical Society**
according to the following annual subscription rates:
Ordinary Member: \$15
Junior Member: \$8

I am interested in the following activities of SMS:

- | | |
|--|--|
| <input type="checkbox"/> Mathematical Competitions | <input type="checkbox"/> Enrichment Programmes |
| <input type="checkbox"/> Publications | <input type="checkbox"/> Contributions to the <i>Mathematical Medley</i> |
| <input type="checkbox"/> Workshops and Seminars | <input type="checkbox"/> Public Lectures |

Suggestions for SMS

emathical

S o c i e t y

ANSWER to Got you!

- (a) The sum of any two sides of a triangle is always greater than or equal to the third side.
It is equal only when all three points lie on a straight line, in which case, the area is clearly zero.
- (b) All the months but February.
- (c) Any distance! A similar triangle argument show that the height of the intersection is equal to the product of the heights of the two poles divided by their sum.
- (d) $20 + 0.5x = x$ implies $x = 40$.
- (e) ONE WORD.
- (f) Most probably number plates!
- (g) 22 times.
- (h)



- (i) 2 kilometres per hour.

To:
Singapore Mathematical Society
c/o Department of Mathematics, Kent Ridge
Singapore 0511

- Forthcoming:**
- Counting - Its Principles and Techniques (2)
 - Fractals
 - Map projection
 - An introduction to Galois' work

Stamp
Affix