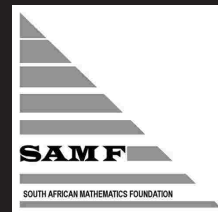


HARMONY SOUTH AFRICAN MATHEMATICS OLYMPIAD

The premier national mathematics competition
Organised by the South African Mathematics Foundation

ENTRY FORM 2010



THE THREE ROUNDS AND THE AWARDS

This Olympiad is organised by the South African Mathematics Foundation, in conjunction with the South African Mathematical Society, AMESA and the Suid-Afrikaanse Akademie vir Wetenskap en Kuns and is sponsored by Harmony Gold Mining Co. Ltd.

First round, 17 March, 14:00 to 15:00

There is a junior Olympiad for grades 8 and 9 and a senior Olympiad for grades 10 to 12. Each paper consists of 20 questions with multiple-choice answers and learners have one hour to complete the paper.

Marking:

The teachers themselves mark the answers. Each school is provided with the solutions. This ensures immediate feedback.

Second round, 18 May, 14:00 to 16:00

Learners who attain 50% and higher in the first round qualify for the second round. If nobody of a school obtained 50%, the best learner of a school will advance to the second round, providing that the learner(s) scored at least 40% in the first round. The learner(s) must also register for the Mathematical Talent Search. There are separate papers for the juniors and seniors. The learners have two hours to complete 20 questions with multiple-choice answers.

Marking:

The answers are marked by computer, in the SAMO office.

Third round, 8 September, 9:00 to 13:00

The 100 best senior and 100 best junior learners from the previous round qualify for the third round. There are separate papers for the juniors and seniors.

Awards:

- Learners who enter the competition receive a first round certificate.
- Learners who participated in the second round receive a certificate.
- Each final round participant receives a bronze medal and a certificate.
- The overall winner of the senior division receives the Dirk van Rooy gold medal and a cash prize of R5 000.
- The nine runners-up of the senior division receive a Dirk van Rooy silver medal and a cash prize of R2 500 each.
- The overall winner of the junior division receives the Dawie du Toit gold medal and a cash prize of R2 500
- The nine runners-up of the junior division each receive a Harmony silver medal and a cash prize of R1 000 each.



Development Programme:

- Promising grade 12 learners from historically disadvantaged communities, who comply with at least the minimum requirements can apply for a bursary.

REGISTRATION DETAILS

DATE AND TIME OF FIRST ROUND

The first round takes place on **17 March from 14:00 and 15:00 at your school**. First round parcels (consisting of the final instructions regarding round one, the question papers, answer sheets, solutions and certificates) will be mailed as soon as we have received your entry form.

CLOSING DATE, 5 FEBRUARY 2010

The last date to post your entries is on the 5 February 2010. Entries must be submitted with payment/proof of payment. **ABSOLUTELY NO LATE ENTRIES WILL BE ACCEPTED**

ENTRY FEE

The entry fee is R20 per learner for schools in South Africa and R25 per learner for schools in other countries.

PAYMENTS

Cheques must be made payable to the SAMF. Direct payments or electronic transfers can be made to the **SAMF, ABSA Bank, Hatfield, Account No 4061037913, Branch code 632005**. If you choose this payment option, it is important that you submit your school's name as reference. No postal orders will be accepted. *Entries without the correct entry fee or without proof of payment will be rejected. No refunds will be given for rejected or late entries. It is each teacher's responsibility to ensure that entry forms AND payments are submitted on time.*

SPONSORSHIP OF ENTRIES

If a learner or school cannot afford the entry fee, a written request for sponsorship must be sent with the entry form.

POSTING OF ENTRY FORMS

Send your completed entry form AND payment/proof of payment to:
The South African Mathematics Foundation
Private Bag X173
Pretoria
0001

NO FAXED ENTRIES WILL BE ACCEPTED

CONTACT INFORMATION

South African Mathematics Foundation
Tel + 27 (0)12 392 9324 or + 27 (0)12 392 9362
E-mail: ramabokad@samf.ac.za or pebetse@samf.ac.za
Website: www.samf.ac.za

PAST QUESTION PAPERS

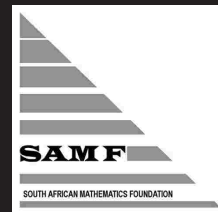
Working through old question papers is one of the best ways to prepare your learners for the first round. Past question papers and solutions are published on our website - www.samf.ac.za

OTHER MATHEMATICAL PUBLICATIONS

Prof. Michael de Villiers has published a book "Some Adventures in Euclidean Geometry" on Lulu (and also available as PDF download) at <http://www.lulu.com/content/7622884> and can be downloaded at approx. R30. The book deals with many interesting and beautiful geometric results and are useful preparation for the 3rd round of the SAMO.

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ENTRY FORM 2010

SCHOOL: _____

POSTAL ADDRESS: _____

STREET ADDRESS: _____

PROVINCE/COUNTRY: _____

TELEPHONE: _____ FAX: _____

E-MAIL: _____

THE SCHOOL'S COMPETITION MANAGER WILL BE _____

CELL NUMBER OF COMPETITION MANAGER _____

PLEASE INDICATE:

PUBLIC SCHOOL INDEPENDENT SCHOOL HISTORICALLY DISADVANTAGED SCHOOL HOME SCHOOL

DINALEDI SCHOOL TOP 200 SCHOOL

SCHOOL'S CODE NUMBER: _____
(For office use only)

STATISTICS: FIRST ROUND PARTICIPANTS
*(Please complete the following information.
Names of learners are not necessary.
Information required for statistical purposes)*

	SENIORS	JUNIORS
White		
Black		
Asian		
Coloured		
TOTALS		
Male		
Female		

HAS THE SCHOOL ENTERED BEFORE? NO YES

PLEASE SEND FIRST ROUND CERTIFICATES NO YES

NUMBER OF CERTIFICATES

For office use only		
Payment		
Question Papers	Jnr <input type="checkbox"/>	Snr <input type="checkbox"/>
Solutions	Jnr <input type="checkbox"/>	Snr <input type="checkbox"/>
Answer sheets	Jnr <input type="checkbox"/>	Snr <input type="checkbox"/>
Certificates		
Instructions		
2nd round reg form		
Confirmation letter		
Packed by		



TOTAL OF LEARNERS @ R20 PER ENTRY (SOUTH AFRICAN ENTRANTS ONLY) = R

TOTAL OF LEARNERS @ R25 PER ENTRY (ENTRANTS FROM OTHER COUNTRIES) = R

TOTAL OF SPONSORED LEARNERS

*(SCHOOLS FROM OTHER COUNTRIES MUST PLEASE EXCHANGE THEIR FOREIGN CURRENCY TO SOUTH AFRICAN RAND.
PAYMENTS IN FOREIGN CURRENCY WILL NOT BE ACCEPTED)*

METHOD OF PAYMENT: Cheque Direct payment Electronic transfer

Sponsorship (see reverse side for more information)

POST ENTRY FORM WITH PAYMENT/PROOF OF PAYMENT TO: **SOUTH AFRICAN MATHEMATICS FOUNDATION
PRIVATE BAG X173, PRETORIA, 0001**

Postal entries must be postmarked no later than 5 FEBRUARY 2010. No late and faxed entries will be accepted.

