

# 1998 X ASIAN PACIFIC MATHEMATICS OLYMPIAD RESULTS

The coordinating country for the 1998 APMO was Mexico. The AMOC Committee gratefully acknowledges the support of the Mexican APMO organisers.

## Australian Team Scores

Candidate	Question					Total	Award
	1	2	3	4	5		
Justin Koonin	7	7	7	7	7	35	Gold
Justin Ghan	7	7	7	7	7	35	Silver
Stephen Farrar	7	7	7	7	5	33	Silver
Geoffrey Chu	0	7	7	7	7	28	Bronze
Steven Irrgang	0	7	7	7	7	28	Bronze
Andrew Cheeseman	6	7	6	1	7	27	Bronze
Kevin Sun	0	7	7	7	3	24	Bronze
David Varodayan	1	7	7	7	2	24	H.Men
Gladys Ho	0	7	7	7	0	21	H.Men
Hiroshi Miyazaki	1	7	1	7	3	19	H.Men
Mean	2.9	7	6.3	6.4	4.8	27.4	

## Distribution of Awards

Country	Score	Awards			
		Gold	Silver	Bronze	HM
Argentina	159	-	2	5	3
Australia	274	1	2	4	3
Bolivia	11	-	-	-	1
Canada	236	1	2	4	3
Chile	99	-	1	1	2
Colombia	133	1	1	2	4
Costa Rica	40	-	-	1	2
Hong Kong	230	1	2	4	3
Indonesia	43	-	-	-	4
Malaysia	68	-	-	2	-
Mexico	100	-	1	1	6
New Zealand	124	1	1	2	1
Peru	134	-	3	-	5
Philippines	49	-	-	1	1
Republic of China	309	1	2	4	3
Republic of Korea	334	1	2	4	3
Singapore	188	1	2	4	3
South Africa	142	1	-	3	6
Thailand	148	1	2	2	3
Trinidad & Tobago	88	-	1	1	3
United States	298	1	2	4	3
Vietnam	321	1	2	4	3

## Score frequency per question

Score	Q1	Q2	Q3	Q4	Q5
0	138	34	69	81	61
1	12	14	10	13	12
2	8	9	11	13	48
3	7	4	6	1	15
4	3	4	4	2	3
5	3	8	6	3	6
6	8	2	3	7	5
7	29	133	99	88	58
mean	1.57	5.01	3.88	3.48	3.03
discrim. Mean	0.67	0.81	0.88	0.87	0.94
discrim. Index	0.68	0.76	0.83	0.83	0.82

## Mean scores per question

Country	Question					Overall Mean
	Q1	Q2	Q3	Q4	Q5	
Argentina	0.5	6.4	2.1	4.4	2.5	15.9
Australia	2.9	7.0	6.3	6.4	4.8	27.4
Bolivia	0.0	1.0	1.0	7.0	2.0	11.0
Canada	2.7	7.0	5.6	5.3	3.0	23.6
Chile	0.1	4.3	2.9	1.0	1.6	9.9
Colombia	0.8	4.4	2.2	2.8	3.1	13.3
Costa Rica	0.2	2.5	0.0	0.7	0.6	4.0
Hong Kong	1.5	7.0	5.4	4.7	4.4	23.0
Indonesia	0.0	0.3	6.0	0.0	0.3	6.1
Malaysia	0.2	2.8	1.0	1.7	1.1	6.8
Mexico	0.9	4.5	1.4	3.0	0.2	10.0
New Zealand	0.2	4.0	3.3	2.1	2.8	12.4
Peru	0.3	4.2	3.5	3.6	1.8	13.4
Philippines	0.0	2.2	0.9	0.4	1.4	4.9
Republic China	3.9	7.0	7.0	7.0	6.0	30.9
Republic Korea	5.8	7.0	7.0	6.8	6.8	33.4
Singapore	0.9	7.0	3.5	3.6	3.8	18.8
South Africa	1.3	5.6	3.4	1.4	2.5	14.2
Thailand	0.1	4.8	5.1	2.9	1.9	14.8
Trinidad & Tobago	0.1	2.5	3.5	1.3	1.4	8.8
United States	4.9	6.8	5.6	5.8	6.7	29.8
Vietnam	5.4	7.0	6.7	6.7	6.3	32.1