

American Mathematics Competitions
2010 AMC 10 and AMC 12 School Results - Contest B

9-MAR-2010
Page 1

School Statistical Summary

SURYA INSTITUTE

School CEEB # = 998413B

MATH OASIS

SINGAPORE,

OASIS

2/24

() - PENNY CHOW

e-mail: PENNY@MATHSOASIS.COM

AMC10 10 c 1 W
AMC12 1 C 1 W
10 AIME

AMC 12 STUDENT TEAM MEMBERS

Rank	Honors	Student Name	Gender	Age	Grade	Score
1	WTA	SUTJIAMIDJAJA ARTHUR	M	16	11	102.0
2	TA	CHRISNATA JOHAN	M	16	11	94.5
2	TAC	SANTOSO JENNIFER	F	15	10	94.5

AMC 12 School team score is: 291.0

AMC 10 STUDENT WINNER

Rank	Honors	Student Name	Gender	Age	Grade	Score
1	W Ac	SOESANTO CHRISTA	L F	13	8	136.5

AMC 10 Average score of all students: 66.7 (106 Students)
 AMC 10 Average score for 10th grade is: 64.9 (52 Students)
 AMC 10 Average score for 9th grade is: 61.9 (28 Students)
 AMC 10 Average score for 8th grade is: 74.4 (16 Students)
 AMC 10 Average score for 7th and below grade is: 79.8 (9 Students)
 AMC 10 Average score for unknown grade is: 52.5 (1 Student)

AMC 12 Average score of all students: 60.9 (48 Students)
 AMC 12 Average score for 12th grade is: 63.0 (9 Students)
 AMC 12 Average score for 11th grade is: 59.5 (38 Students)
 AMC 12 Average score for 10th grade is: 94.5 (1 Student)

W - Winner, A - AIME Qualifier, T - Team Member
 C or c- Young Student Cert of Achievement score 90+

AIME PARTICIPANTS

SURYA INSTITUTE

School CEEB # = 998413B

AIME AIME AIME AIME AIME AIME AIME AIME AIME

THE 2010 AIME POLICY

If you will be taking the AIME on March 16, 2010, you will find all materials enclosed with your AMC 10/12 Contest results.

However, if your school is closed for spring break on March 16, 2010 your AIME qualifiers are eligible to take an "alternate" version of the AIME scheduled for Wednesday March 31, 2010.

There is a charge for taking the "alternate" AIME, due to compressed shipping and handling considerations, and that is \$25 for 1-10 qualifying students or \$50 for 11+ qualifying students. Please note that this year your payment will need to reach us on or before March 31, 2010.

All scores achieved on the "alternate" AIME, taken on March 31, 2010 will be regarded as "official" and will weigh the same as scores achieved on the first AIME. UNDER NO CIRCUMSTANCES MAY STUDENTS OFFICIALLY TAKE BOTH VERSIONS OF THE AIME.

Please refer to the AIME Teachers' Manual for complete details on requesting the "alternate" AIME.

* * * * *

The 10 students listed below qualified to take the American Invitational Mathematics Exam (AIME) by achieving an AMC 12-B score of 88.5 or an AMC 10-B score of 118.5.

ARTHUR	SUTJIAMIDJAJA	102.0
JOHAN	CHRISNATA	94.5
JENNIFER	SANTOSO	94.5
NICKY	INDRADI	93.0
LAKSHAY	ARORA	90.0
CHRISTA	L SOESANTO	136.5
JEREMIAH	R GUNAWAN	126.0
EVAN	K ALIM	120.0
CLIFFORD	A SURYA	120.0
PETER	T YOUNG	118.5

AIME AIME AIME AIME AIME AIME AIME AIME AIME

American Mathematics Competitions
2010 AMC 10 and AMC 12 School Results - Contest B

9-MAR-2010
Page 3

AMC 10 Alphabetical Listing

SURYA INSTITUTE

School CEEB # = 998413B

Honors	Student Name	Gender	Age	Grade	Score
	!#%@ NO NAME ! AARON	M	15	10	61.5
	PILLAI ACHINTYA	M	13	9	16.5
	SOOD MUNESH	F	15	10	55.5

	ADITYA	STEVEN	M	14	8	70.5
	AGARWAL	RAKSHEETH	M	13	8	60.0
A	ALIM	EVAN	K M	15	9	120.0
	ARSJAD	MICHELLE	F	14	10	64.5
	ARVIJANTI	SHABIKA	P F	15	9	48.0
	AUDELIA	MELISSA	F	14	10	69.0
	AUDREY	ANASTASIA	F	14	9	46.5
	BATCHU	KEERTHANA	F	15	10	82.5
	BHAGWANDAS L	SAI SANDEEP	M	15	10	78.0
	BRAM	ADRIAN	M	15	10	78.0
	CALVINQUO	MICHAEL	M	15	10	54.0
c	CHANDRA	DARRYL	F	14	8	97.5
	CHAUDHURI	NILANKAN	M	14	9	64.5
	CHIHYUNG	AHN	M	14	8	57.0
	CHO	GA YOUNG	F	16	10	46.5
c	CLARENCE	NAYAKA	M	13	7	96.0
	CONTRACTOR	SHIDUSH	R M	15	9	54.0
	DALMIA	ABHA	F	15	10	57.0
	DALMIA	ABHAY	M	13	8	63.0
	DIPUTRA	CHANDRA	M	15	10	37.5
	EGA YUSPRATAMA	JOSHUA	M	15	10	70.5
	ESTER	MONICA	F	16	10	49.5
	FERNANDO LIFAO	NITOLONIA	M	13	8	46.5
	GANG	CHOI	M	16	9	79.5
	GOOK	JIYOON	F	15	10	76.5
	GOZAL	KEVIN	M	14	9	55.5
A	GUNAWAN	JEREMIAH	R M	15	10	126.0
	GUNAWAN	JONATHAN	M	15	9	70.5
	HADINATA	CLINTON	M	15	10	73.5
	HANDOKO	MARCO	V M	13	8	46.5
	HANNA SALEHA	AISHA	F	15	10	66.0
c	HERMAN	JAMES	S M	12	7	97.5
	HILMAN	ANGGA	M	14	10	64.5
	HONGSEONG	CHOI	M	16	10	69.0
	HOTAMA	ANDREW	F M	14	10	54.0
	IRSYAD	FAISAL	M	15	10	72.0
	JAE UK	SONG	M			52.5
	JAMSANDEKAR	SINAR	S M	15	10	63.0
	JAPAR	JULITA	F	14	10	18.0
	JUAN	WILLIAM	M	14	9	51.0
	KASHYAP	SONANK	M	15	9	45.0
	KAUL	KEVIN	M	14	9	54.0
	KEE KYONG	BANG	M	15	9	69.0
	KEZIA SOESANTO	DEBORA	F	12	6	51.0
	KIM	DEOKHYEON	M	15	9	66.0
	KIM	TAE HUN	M	15	9	57.0
	KRISTIANTI	DESY	F	16	10	82.5
	KRITHIGA	RAVICHANDRAN	F	15	10	54.0
	KUKREJA	ANIL	M	15	9	43.5

American Mathematics Competitions
2010 AMC 10 and AMC 12 School Results - Contest B

9-MAR-2010
Page 4

AMC 10 Alphabetical Listing

SURYA INSTITUTE

School CEEB # = 998413B

Honors	Student Name	Gender	Age	Grade	Score	
	KURNIA	ARIEF	M	15	10	66.0
	KYUSANG	CHO	M	16	10	70.5
	LAKHOTIA	SUYASH	M	12	8	67.5
	LEE	DONGHO	M	16	10	72.0

c	LEE	DONGHYUN		M	14	8	96.0
	LIANG	SHEILA	S	F	12	7	54.0
	MALIK	AFKAR		M	12	6	55.5
	MARIA	AKIRA		F	16	10	45.0
	MARIE	LISA		F	15	10	54.0
	MATTHEWS	KAMASEAN	Y	F	14	10	49.5
	MOON	YEUL		F	16	10	73.5
	MUHAMMAD	RIZZA		M	15	10	51.0
	MUMIN	SYARAFI		M	16	10	66.0
	NADIRA	AULIA		F	14	9	58.5
	NAFTALI	WILLIAM		M	14	9	85.5
	NAIK	PRIYANKA		F	16	10	60.0
	NAKJUN	CHOI		M	16	10	52.5
	NAKKA	DIVYATEJA		M	15	9	45.0
	NICHOLAS	WILLIEM		M	15	9	76.5
	PARK	SUNGHOO		M	16	10	67.5
	PRAMONO	JOHAN		M	15	10	76.5
	PRATIGNYO	HANS		M	12	7	78.0
	PURNAMA	ALOISIUS	R	M	15	10	72.0
	RAJENDRAN	SRIKANTH		M	13	8	58.5
	RAMADHAN	MARTY		M	15	10	73.5
	SALIM	ANTHONY		M	12	7	54.0
	SALIM	IVAN		M	14	9	60.0
	SALIM	JANET		F	15	10	67.5
	SIMHA	KRUTHIKA	P	F	15	10	57.0
	SINGHANIA	ANTARA		F	15	10	69.0
	SJAHPUTRA	BRYAN		M	15	10	96.0
W Ac	SOESANTO	CHRISTA	L	F	13	8	136.5
	SOLICHIN	WILLIAM	R	M	14	9	43.5
	SRIDH	TARUN		M	12	8	21.0
	SRINIVASAN	VIGNESH		M	15	10	69.0
	STEPHANIE	REZQY		F	16	10	39.0
	STEVEN	RICHSEN		M	14	9	60.0
	SUGIH ARIYANI	QUEEN		F	15	10	36.0
	SURI	SHIVAM		M	13	9	73.5
Ac	SURYA	CLIFFORD	A	M	12	7	120.0
c	SURYANTO	STEFANO		M	13	7	112.5
	SUTANDI	YOSUA	M	M	14	9	64.5
	SUTRISNO	MELVIN		M	15	10	90.0
	TAN	ADRIANNA	S	F	15	10	67.5
	TANNER	JOVIS		M	16	9	48.0
	TANUJAYA	CHRISTOPHER		M	15	9	100.5
	TJAHJADI	CHRISTIAN	A	M	13	8	49.5
c	TOPING	CALVIN		M	13	8	96.0
	VERMAN	VISHNU		M	15	10	55.5
	WAHIKA	NADIA		F	14	9	78.0
	WIBOWO	ERWIN		M	16	10	102.0
c	WIRIAWAN	CHRISTOPHER		M	14	8	106.5

American Mathematics Competitions
2010 AMC 10 and AMC 12 School Results - Contest B

9-MAR-2010
Page 5

AMC 10 Alphabetical Listing

SURYA INSTITUTE

School CEEB # = 998413B

Honors	Student Name	Gender	Age	Grade	Score		
Ac	YOUNG	PETER	T	M	13	8	118.5
	ZULKIFLY	FREDRIC		M	15	10	55.5

AMC 12 Alphabetical Listing

SURYA INSTITUTE

School CEEB # = 998413B

Honors	Student Name	Gender	Age	Grade	Score
	LOW JEFFRY C	M	16	11	69.0
	Y LARASAYU	F	17	11	42.0
	ADITYA EVAN	M	16	11	79.5
A	ARORA LAKSHAY	M	17	11	90.0
	BADAM SIDDHANT	M	17	12	78.0
	BASU DRUHAN	M	16	11	48.0
	BREBENAR CRISTINA	A F	16	11	54.0
	CHANGHYUN LEE	M	18	11	46.5
TA	CHRISNATA JOHAN	M	16	11	94.5
	CHUNG HYEYOON	F	18	11	43.5
	DHARMAWIJAYA PUTU TEGUH	M	15	11	45.0
	EZRA PUTRA JANITRA	M	16	11	63.0
	G S SRIRAJ	M	17	12	75.0
	GOPWANI MALIKA	D F	16	11	33.0
	HALIM FELITA	C F	16	11	49.5
	HAREL TIMOTHY	M	17	12	57.0
	HARSEL BRIAN	M	16	11	30.0
	IMMANUEL KEVIN	A M	16	11	72.0
A	INDRADI NICKY	M	16	11	93.0
	JOHAR CHAITANYA	M	17	12	46.5
	JUSUF STEVEN	M	17	11	45.0
	KEVIN HANS	M	16	11	63.0
	KUKREJA RAHUL	M	17	11	57.0
	LEE HEUIJOON	M	19	11	69.0
	LIMAN JAMES	M	17	11	73.5
	MONICA ALETHEA	F	17	11	37.5
	NAHAR ISHAN	M	15	11	78.0
	RADIFAN M FAHMY	M	16	11	78.0
	RAJESWARI C RAJA	F	16	11	40.5
	RIDHO M MAHMUD		17	11	40.5
	SAMIN SINDIANA	F	15	11	63.0
TAC	SANTOSO JENNIFER	F	15	10	94.5
	SARAF UDAY	M	17	12	75.0
	SHANDILYA SURYAKSHAY	M	15	11	73.5
	SHARMA PRANAV	M	16	11	25.5
	SIPANI AASISH	M	18	12	76.5
	SOOD SUNITA	F	15	11	18.0
	SRIDHAR MANASWIN	M	16	11	52.5
	SURI ANKIT	M	17	12	84.0
WTA	SUTJIAMIDJAJA ARTHUR	M	16	11	102.0
	TAMARA FIRLY		15	12	42.0
	TANNADY HANS	M	17	11	63.0
	TJONG KENNY	A M	17	11	54.0
	VERMAN ARUL	M	17	12	33.0
	VIRYA ALVIN	V M	16	11	69.0
	WINONA VANESSA	F	16	11	73.5
	WIYADHARMA LEONARD	A M	16	11	78.0
	YOUNG JAMES	T M	16	11	54.0

Table of Item Difficulty for 2010 AMC 10 B
 Tabulation of responses by 106 Student(s)
 Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	0.94	2.83	88.68*	0.00	7.55	0.00	0.00
2	0.94	0.94	90.57*	2.83	2.83	1.89	0.00
3	2.83	27.36	41.51*	18.87	1.89	7.55	0.00
4	0.00	7.55	75.47*	3.77	6.60	6.60	0.00
5	9.43	40.57*	19.81	22.64	1.89	5.66	0.00
6	3.77	78.30*	1.89	1.89	2.83	11.32	0.00
7	2.83	6.60	2.83	80.19*	2.83	4.72	0.00
8	2.83	5.66	9.43	38.68	36.79*	6.60	0.00
9	7.55	6.60	9.43	55.66*	4.72	16.04	0.00
10	6.60	7.55	69.81*	0.00	4.72	11.32	0.00
11	16.98*	9.43	9.43	5.66	3.77	54.72	0.00
12	21.70	22.64	11.32	28.30*	4.72	10.38	0.94
13	16.04	23.58	15.09*	10.38	1.89	33.02	0.00
14	13.21	31.13*	15.09	4.72	11.32	23.58	0.94
15	22.64	3.77	57.55*	5.66	5.66	4.72	0.00
16	68.87	11.32*	2.83	0.00	1.89	14.15	0.94
17	14.15	38.68*	17.92	2.83	4.72	20.75	0.94
18	22.64	5.66	1.89	9.43	6.60*	53.77	0.00
19	8.49	11.32*	11.32	9.43	5.66	53.77	0.00
20	10.38	7.55	10.38	6.60*	2.83	61.32	0.94
21	11.32	13.21	24.53	6.60	10.38*	33.96	0.00
22	5.66	7.55	25.47*	5.66	4.72	50.94	0.00
23	17.92	8.49	17.92	12.26*	4.72	38.68	0.00
24	6.60	6.60	10.38	6.60	8.49*	61.32	0.00
25	5.66	13.21*	3.77	15.09	4.72	57.55	0.00

(*) Correct Response

(?) Response the computer was unable to read due to incomplete erasures or two answers marked in the same column

American Mathematics Competitions
 2010 AMC 10 and AMC 12 School Results - Contest B

9-MAR-2010
 Page 8

Analysis

Table of Item Difficulty for 2010 AMC 12 B
 Tabulation of responses by 48 Student(s)
 Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	4.17	0.00	91.67*	2.08	2.08	0.00	0.00
2	93.75*	0.00	6.25	0.00	0.00	0.00	0.00
3	4.17	10.42	12.50	31.25	37.50*	4.17	0.00
4	25.00	45.83*	14.58	14.58	0.00	0.00	0.00

5	0.00	2.08	8.33	72.92*	4.17	12.50	0.00
6	16.67	20.83	6.25	52.08*	0.00	4.17	0.00
7	2.08	2.08	85.42*	2.08	0.00	8.33	0.00
8	12.50	52.08*	14.58	6.25	4.17	10.42	0.00
9	12.50	16.67	10.42	4.17	29.17*	27.08	0.00
10	6.25	52.08*	8.33	4.17	12.50	16.67	0.00
11	8.33	12.50	22.92	4.17	18.75*	33.33	0.00
12	0.00	8.33	14.58	54.17*	6.25	16.67	0.00
13	4.17	12.50	25.00*	4.17	6.25	47.92	0.00
14	8.33	6.25*	12.50	8.33	29.17	35.42	0.00
15	4.17	8.33	8.33	6.25*	2.08	70.83	0.00
16	20.83	4.17	8.33	8.33	6.25*	52.08	0.00
17	18.75	8.33	25.00	4.17*	0.00	43.75	0.00
18	18.75	6.25	8.33*	14.58	10.42	41.67	0.00
19	6.25	14.58	6.25	6.25	8.33*	58.33	0.00
20	6.25	10.42	14.58	8.33	4.17*	56.25	0.00
21	10.42	12.50*	4.17	4.17	2.08	66.67	0.00
22	8.33	4.17	6.25	10.42*	0.00	70.83	0.00
23	4.17*	16.67	6.25	4.17	6.25	62.50	0.00
24	8.33	8.33	8.33*	4.17	0.00	70.83	0.00
25	4.17	2.08	14.58	4.17*	2.08	72.92	0.00

(*) Correct Response

(?) Response the computer was unable to read due to incomplete erasures or two answers marked in the same column