

MAA - American Mathematics Compet  
2008 AMC 8 School Results

17-DEC-2008  
Summary Page 1

HOUGANG SS  
MATHS OASIS  
( ' ) OASIS  
e-mail: PENNY@MATHSOASIS.COM

School ID = OASISG  
CEEB #

3 W 3 G  
0 D 1 S  
4 H 1 B  
0 M MERIT

Total number of students in school taking exam: 17

School Team Score (sum of top 3 scores): 60  
Average score for entire school is: 15.2

Average score for grade 8 is: 14.8 ( 13 Students)  
Average score for grade 7 is: 16.5 ( 4 Students)

Top 17 students in school:  
Rank Section Student  
Letter Name

Age Grade Score

|    |    |   |   |               |           |    |   |    |
|----|----|---|---|---------------|-----------|----|---|----|
| 1  | WH | G | A | LIM           | JASON     | 13 | 7 | 20 |
| 2  | WH | G | A | NEO           | RUI QI    | 14 | 8 | 20 |
| 3  | WH | G | A | TAN AIK GAN   | NORMAN    | 14 | 8 | 20 |
| 4  | H  | S | A | ANG           | JIAWEI    | 14 | 8 | 19 |
| 5  |    | B | A | YEAPYYI SHENG | ANDREW    | 13 | 7 | 18 |
| 6  |    |   | A | ONG           | SHUWEI    | 14 | 8 | 17 |
| 7  |    |   | A | LAM           | BRANDON   | 14 | 8 | 16 |
| 8  |    |   | A | LEE           | JINGTING  | 13 | 8 | 16 |
| 9  |    |   | A | NG            | CHUANYI   | 13 | 7 | 15 |
| 10 |    |   | A | NG            | JIANCHENG | 14 | 8 | 15 |
| 11 |    |   | A | YEOW          | MEI LING  | 14 | 8 | 15 |
| 12 |    |   | A | LOW           | ALVIN     | 13 | 7 | 13 |
| 13 |    |   | A | PHUA EN       | JUAN PENG | 14 | 8 | 13 |
| 14 |    |   | A | SHAM          | GENG YUN  | 14 | 8 | 12 |
| 15 |    |   | A | KWEK          | LI YING   | 14 | 8 | 11 |
| 16 |    |   | A | no name       | SHAFINAZ  | 14 | 8 | 10 |
| 17 |    |   | A | CHAN          | HUI TING  | 14 | 8 | 9  |

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Section Results Page 2

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School ID = OASISG

Section: A

Intramural school report codes  
G = section 1st place (gold)  
S = section 2nd place (silver)  
B = section 3rd place (bronze)  
W = School winner  
T = School team member

AMC8 national award codes  
D = distinction 1%, score >= 22  
H = honor roll 5%, score >= 19  
M = achievement roll top 40%,  
<= 6th grade and score >= 12

Section Award Student Name

Age Grade Score

|      |               |           |    |   |    |
|------|---------------|-----------|----|---|----|
| H S  | ANG           | JIAWEI    | 14 | 8 | 19 |
|      | CHAN          | HUI TING  | 14 | 8 | 9  |
|      | KWEK          | LI YING   | 14 | 8 | 11 |
|      | LAM           | BRANDON   | 14 | 8 | 16 |
|      | LEE           | JINGTING  | 13 | 8 | 16 |
| WH G | LIM           | JASON     | 13 | 7 | 20 |
|      | LOW           | ALVIN     | 13 | 7 | 13 |
| WH G | NEO           | RUI QI    | 14 | 8 | 20 |
|      | NG            | CHUANYI   | 13 | 7 | 15 |
|      | NG            | JIANCHENG | 14 | 8 | 15 |
|      | ONG           | SHUWEI    | 14 | 8 | 17 |
|      | PHUA EN       | JUAN PENG | 14 | 8 | 13 |
| WH G | SHAM          | GENG YUN  | 14 | 8 | 12 |
|      | TAN AIK GAN   | NORMAN    | 14 | 8 | 20 |
|      | YEAPYYI SHENG | ANDREW    | 13 | 7 | 18 |
|      | YEOW          | MEI LING  | 14 | 8 | 15 |
|      | no name       | SHAFINAZ  | 14 | 8 | 10 |

Number of students in section: 17  
Average score was: 15.2

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Analysis Page 3

HOUGANG SS

School ID = OASISG

Table of Item Difficulty for the 2008  
MAA - American Mathematics Contest 8  
Tabulation of responses by 13 Student(s), Grade 8^  
Percent of Responses

| ITEM | A      | B      | C      | D       | E       | OMITS | ?    |
|------|--------|--------|--------|---------|---------|-------|------|
| 1    | 0.00   | 92.31* | 7.69   | 0.00    | 0.00    | 0.00  | 0.00 |
| 2    | 69.23* | 15.38  | 0.00   | 15.38   | 0.00    | 0.00  | 0.00 |
| 3    | 69.23* | 7.69   | 7.69   | 0.00    | 15.38   | 0.00  | 0.00 |
| 4    | 15.38  | 0.00   | 76.92* | 7.69    | 0.00    | 0.00  | 0.00 |
| 5    | 0.00   | 23.08  | 7.69   | 7.69    | 61.54*  | 0.00  | 0.00 |
| 6    | 0.00   | 38.46  | 0.00   | 61.54*  | 0.00    | 0.00  | 0.00 |
| 7    | 0.00   | 0.00   | 0.00   | 0.00    | 100.00* | 0.00  | 0.00 |
| 8    | 0.00   | 0.00   | 0.00   | 100.00* | 0.00    | 0.00  | 0.00 |
| 9    | 7.69   | 15.38  | 0.00   | 61.54*  | 15.38   | 0.00  | 0.00 |
| 10   | 0.00   | 0.00   | 0.00   | 100.00* | 0.00    | 0.00  | 0.00 |
| 11   | 84.62* | 7.69   | 7.69   | 0.00    | 0.00    | 0.00  | 0.00 |
| 12   | 15.38  | 15.38  | 30.77* | 30.77*  | 7.69*   | 0.00  | 0.00 |
| 13   | 0.00   | 30.77  | 53.85* | 0.00    | 15.38   | 0.00  | 0.00 |
| 14   | 46.15  | 15.38  | 15.38* | 0.00    | 23.08   | 0.00  | 0.00 |
| 15   | 7.69   | 76.92* | 15.38  | 0.00    | 0.00    | 0.00  | 0.00 |
| 16   | 0.00   | 30.77  | 7.69   | 53.85*  | 7.69    | 0.00  | 0.00 |
| 17   | 7.69   | 15.38  | 7.69   | 61.54*  | 7.69    | 0.00  | 0.00 |
| 18   | 7.69   | 7.69   | 15.38  | 7.69    | 61.54*  | 0.00  | 0.00 |
| 19   | 0.00   | 23.08* | 0.00   | 61.54   | 15.38   | 0.00  | 0.00 |
| 20   | 7.69   | 46.15* | 7.69   | 23.08   | 15.38   | 0.00  | 0.00 |
| 21   | 30.77  | 23.08  | 30.77* | 7.69    | 0.00    | 7.69  | 0.00 |
| 22   | 15.38* | 38.46  | 7.69   | 30.77   | 7.69    | 0.00  | 0.00 |
| 23   | 23.08  | 23.08  | 46.15* | 7.69    | 0.00    | 0.00  | 0.00 |
| 24   | 15.38  | 0.00   | 23.08* | 46.15   | 15.38   | 0.00  | 0.00 |
| 25   | 30.77* | 23.08  | 15.38  | 23.08   | 7.69    | 0.00  | 0.00 |

(\*) Correct Response (Problem 12, we accept C,D and E)

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

(^) Note: Students who failed to indicate their grade are not included in this analysis.

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Analysis Page 4

HOUGANG SS

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Table of Item Difficulty for the 2008  
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Tabulation of responses by 4 Student(s), Grade 7^  
Percent of Responses

| ITEM | A       | B       | C      | D       | E       | OMITS | ?    |
|------|---------|---------|--------|---------|---------|-------|------|
| 1    | 0.00    | 100.00* | 0.00   | 0.00    | 0.00    | 0.00  | 0.00 |
| 2    | 100.00* | 0.00    | 0.00   | 0.00    | 0.00    | 0.00  | 0.00 |
| 3    | 100.00* | 0.00    | 0.00   | 0.00    | 0.00    | 0.00  | 0.00 |
| 4    | 25.00   | 0.00    | 75.00* | 0.00    | 0.00    | 0.00  | 0.00 |
| 5    | 0.00    | 25.00   | 25.00  | 0.00    | 50.00*  | 0.00  | 0.00 |
| 6    | 0.00    | 0.00    | 0.00   | 100.00* | 0.00    | 0.00  | 0.00 |
| 7    | 0.00    | 0.00    | 0.00   | 0.00    | 100.00* | 0.00  | 0.00 |
| 8    | 0.00    | 0.00    | 0.00   | 100.00* | 0.00    | 0.00  | 0.00 |
| 9    | 0.00    | 0.00    | 0.00   | 75.00*  | 25.00   | 0.00  | 0.00 |
| 10   | 0.00    | 0.00    | 0.00   | 100.00* | 0.00    | 0.00  | 0.00 |

|    |        |        |         |        |        |      |      |
|----|--------|--------|---------|--------|--------|------|------|
| 11 | 75.00* | 25.00  | 0.00    | 0.00   | 0.00   | 0.00 | 0.00 |
| 12 | 25.00  | 0.00   | 75.00*  | 0.00*  | 0.00*  | 0.00 | 0.00 |
| 13 | 0.00   | 0.00   | 100.00* | 0.00   | 0.00   | 0.00 | 0.00 |
| 14 | 25.00  | 0.00   | 75.00*  | 0.00   | 0.00   | 0.00 | 0.00 |
| 15 | 0.00   | 75.00* | 0.00    | 25.00  | 0.00   | 0.00 | 0.00 |
| 16 | 0.00   | 25.00  | 0.00    | 50.00* | 25.00  | 0.00 | 0.00 |
| 17 | 25.00  | 25.00  | 0.00    | 50.00* | 0.00   | 0.00 | 0.00 |
| 18 | 0.00   | 25.00  | 0.00    | 0.00   | 75.00* | 0.00 | 0.00 |
| 19 | 0.00   | 50.00* | 0.00    | 0.00   | 50.00  | 0.00 | 0.00 |
| 20 | 0.00   | 25.00* | 50.00   | 25.00  | 0.00   | 0.00 | 0.00 |
| 21 | 50.00  | 0.00   | 25.00*  | 25.00  | 0.00   | 0.00 | 0.00 |
| 22 | 0.00*  | 25.00  | 75.00   | 0.00   | 0.00   | 0.00 | 0.00 |
| 23 | 25.00  | 25.00  | 25.00*  | 25.00  | 0.00   | 0.00 | 0.00 |
| 24 | 0.00   | 25.00  | 50.00*  | 25.00  | 0.00   | 0.00 | 0.00 |
| 25 | 0.00*  | 25.00  | 0.00    | 75.00  | 0.00   | 0.00 | 0.00 |

(\*) Correct Response (Problem 12, we accept C,D and E)

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

(^) Note: Students who failed to indicate their grade are not included in this analysis.