

# MT<sup>2</sup>-NW MathMeet Entry Form

Mail, Fax, or Email to:  
 MT<sup>2</sup>-NW MathMeet  
 Haywood High School  
 c/o Eddie Keel  
 1175 East College  
 Brownsville, TN 38012  
 fax: (731) 772-6079  
 email: keele@k12tn.net



Name of MT<sup>2</sup>-NW member: \_\_\_\_\_

*Note: If you are not a MT2-NW member, you will be required to pay your membership dues during registration. Dues are \$10 per teacher per year.*

**School Information:**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Fax Number: \_\_\_\_\_

How many students are you bringing to compete? (circle one)

|                            |   |   |   |   |   |   |
|----------------------------|---|---|---|---|---|---|
| 6 <sup>th</sup> grade Math | 0 | 1 | 2 | 3 | 4 | 5 |
| 7 <sup>th</sup> Grade Math | 0 | 1 | 2 | 3 | 4 | 5 |
| 8 <sup>th</sup> Grade Math | 0 | 1 | 2 | 3 | 4 | 5 |
| Pre-Algebra                | 0 | 1 | 2 | 3 | 4 | 5 |
| Algebra I                  | 0 | 1 | 2 | 3 | 4 | 5 |
| Algebra II                 | 0 | 1 | 2 | 3 | 4 | 5 |
| Geometry                   | 0 | 1 | 2 | 3 | 4 | 5 |
| PreCalculus                | 0 | 1 | 2 | 3 | 4 | 5 |
| Calculus                   | 0 | 1 | 2 | 3 | 4 | 5 |

Please type/print the names of the students that you are bringing to the contest.

(Note: Substitutions may be made on the day of the contest.)

|          | <b>6<sup>th</sup> Grade Math Contest</b> |          | <b>7<sup>th</sup> Grade Math Contest</b> |          | <b>8<sup>th</sup> Grade Math Contest</b> |
|----------|--|----------|--|----------|--|
| <b>1</b> |  | <b>1</b> |  | <b>1</b> |  |
| <b>2</b> |  | <b>2</b> |  | <b>2</b> |  |
| <b>3</b> |  | <b>3</b> |  | <b>3</b> |  |
| <b>4</b> |  | <b>4</b> |  | <b>4</b> |  |
| <b>5</b> |  | <b>5</b> |  | <b>5</b> |  |

|          | <b>Pre-Algebra Contest</b> |          | <b>Algebra I Contest</b> |          | <b>Algebra II Contest</b> |
|----------|----------------------------|----------|--------------------------|----------|---------------------------|
| <b>1</b> |                            | <b>1</b> |                          | <b>1</b> |                           |
| <b>2</b> |                            | <b>2</b> |                          | <b>2</b> |                           |
| <b>3</b> |                            | <b>3</b> |                          | <b>3</b> |                           |
| <b>4</b> |                            | <b>4</b> |                          | <b>4</b> |                           |
| <b>5</b> |                            | <b>5</b> |                          | <b>5</b> |                           |

|          | <b>Geometry Contest</b> |          | <b>PreCalculus Contest</b> |          | <b>Calculus Contest</b> |
|----------|-------------------------|----------|----------------------------|----------|-------------------------|
| <b>1</b> |                         | <b>1</b> |                            | <b>1</b> |                         |
| <b>2</b> |                         | <b>2</b> |                            | <b>2</b> |                         |
| <b>3</b> |                         | <b>3</b> |                            | <b>3</b> |                         |
| <b>4</b> |                         | <b>4</b> |                            | <b>4</b> |                         |
| <b>5</b> |                         | <b>5</b> |                            | <b>5</b> |                         |

Is your school competing in the COMPREHENSIVE H.S. EVENT?      **YES**   **NO**

Is your school competing in the MATH BOWL (team event)?      **YES**   **NO**

| <b>Comprehensive HS Math Contest</b> |  |           |  |           |  |
|--------------------------------------|--|-----------|--|-----------|--|
| <b>1</b>                             |  | <b>11</b> |  | <b>21</b> |  |
| <b>2</b>                             |  | <b>12</b> |  | <b>22</b> |  |
| <b>3</b>                             |  | <b>13</b> |  | <b>23</b> |  |
| <b>4</b>                             |  | <b>14</b> |  | <b>24</b> |  |
| <b>5</b>                             |  | <b>15</b> |  | <b>25</b> |  |
| <b>6</b>                             |  | <b>16</b> |  | <b>26</b> |  |
| <b>7</b>                             |  | <b>17</b> |  | <b>27</b> |  |
| <b>8</b>                             |  | <b>18</b> |  | <b>28</b> |  |
| <b>9</b>                             |  | <b>19</b> |  | <b>29</b> |  |
| <b>10</b>                            |  | <b>20</b> |  | <b>30</b> |  |

**Entry forms must be emailed or faxed to  
Eddie Keel by November 9 at 10:00 AM.  
The postmark deadline is November 4.**

**CONTEST DATE: November 12, 2011**

**MT<sup>2</sup>-NW  
MathMeet  
November 12, 2011**

**MT<sup>2</sup>-NW MathMeet  
Haywood High School  
c/o Eddie Keel  
1175 East College  
Brownsville, TN 38012  
phone: (731) 772-1845  
fax: (731) 772-6079  
email: keele@k12tn.net**



## Contest Rules

1. Only students of MT<sup>2</sup>-NW members are allowed to participate in this event. Non-members may join MT<sup>2</sup>-NW during registration.
2. The first competition will be based on a 50-question multiple-choice test.
  - a. Tests will be given in the following areas:
    - i. 6<sup>th</sup> Grade Math
    - ii. 7<sup>th</sup> Grade Math
    - iii. 8<sup>th</sup> Grade Math
    - iv. Pre-Algebra (any 6<sup>th</sup>, 7<sup>th</sup>, or 8<sup>th</sup> grader NOT enrolled in Geometry or Algebra I)
    - v. Algebra I
    - vi. Algebra II
    - vii. Geometry
    - viii. PreCalculus
    - ix. Calculus
  - b. Students will be ranked based on total number of questions correct. Students will NOT be penalized for incorrect answers. Ties will be broken based on the correctness of question #50 on the test. If there is still a tie, it will be broken based on question #49 and so on.
  - c. Student must be enrolled in the course in which they are testing.
    - i. Any 6<sup>th</sup>, 7<sup>th</sup>, or 8<sup>th</sup> grader may enter the Pre-Algebra contest if he or she is not enrolled in Algebra I or Geometry. No high school students may enter this event.
    - ii. If a middle school/junior high student is taking Algebra I, the student may enter the grade level Math test or the Algebra I contest.

- iii. If a middle school/junior high student is taking Geometry, the student may enter the grade level Math test or the Geometry contest.
  - d. Students may use any calculator that is allowed on the ACT. (Ex: TI-Nspire, TI-82, 83, and 84) This means that calculators with Computer Algebra System capabilities are not allowed. (Ex: TI-Nspire CAS, TI-89 or TI-92)
  - e. Students will be given 60 minutes to complete the exam.
  - f. Each school may enter 1-5 students per subject area test.
  - g. The cost is \$2 per student.
  - h. Awards will be given to the top 10 students in each contest.
- 3. The COMPREHENSIVE MATH contest will be offered for all high school students. A high school may enter up to 30 students in this competition. This test will be held during the SUBJECT AREA tests. The COMPREHENSIVE MATH contest will be a 50-question multiple-choice test that is based on the USAD math curriculum at <http://usad.org/Curriculum/Math.asp>. For this year's event, there will be 5 General Math questions, 40 geometry and trigonometry problems, and 5 Differential Calculus questions.
  - a. Graphing calculators may be used on the COMPREHENSIVE MATH contest. *Note: This contest is not sponsored by USAD and questions for this contest are not written by USAD.*
- 4. We will not have the MATH BOWL this year due to construction at our school. There will be a team event. Every student from your school will be on the team. Each school will be given 45 minutes to complete twenty problems. The team answering the most questions in the allotted time will win the team event. There will be a 6-8 and 9-12 competition.
- 5. There will be a Tessellation Poster Contest. Each school may bring no more than 20 tessellation posters. All tessellations must be created by hand. Computer-generated posters are not accepted. Tessellations must be drawn or painted on ½ sheet poster board. The name and school of the student should be written on the back of the poster. Any poster not following these instructions will automatically be disqualified. There is no cost to enter this event!
- 6. **Entry forms must be emailed or faxed to Eddie Keel by November 9. The postmark deadline is November 4.**
- 7. Entry Fee---You will pay the entry fee during the Registration time at the event. Make all checks payable to MATHEMATICS TEACHERS OF TENNESSEE-NORTHWEST.

**8. Schedule**

- |                |   |
|----------------|---|
| a. 9:15-9:45   | Registration—HHS Cafeteria              |
| b. 9:50-10:00  | Assembly-HHS Gymnasium                  |
| c. 10:15-11:15 | Subject Area Contests                   |
| d. 10:15-11:15 | COMPREHENSIVE MATH Contest              |
| e. 10:15-11:15 | MT <sup>2</sup> -NW Meeting—HHS Library |
| f. 11:20-11:30 | Break                                   |
| g. 11:30-12:15 | Team Contest                            |
| h. 12:15-12:45 | Awards                                  |

- 9.** The contest will be held this year at Haywood High School in Brownsville. Directions to the school and more information will be provided when your entry form has been received. However, due to renovations at our school, the event may be held at HAYWOOD JUNIOR HIGH SCHOOL. A decision will be made at the end of the month concerning the definite location. We have HJH as a back-up site.
- 10.** Students will eat lunch on their own AFTER the awards program.
- 11.** Light refreshments will be served to students prior to the Opening Assembly. However, if the event is held at Haywood Junior High, we may not have as many refreshments as we have provided in the past.
- 12.** Please bring your own calculators. Haywood High School cannot provide calculators to students from other schools. Please bring your own!