2016 MATHCOUNTS® Manhattan Volunteer Information

Saturday, February 6, 2016

Where & When

- The event will be held at **Stuyvesant High School, 345 Chambers Street**. Grading will take place in the **library on the 6th floor.** The entrance to the building is on the 2nd floor.
- Please arrive around **9:15 AM** (schools will arrive between 8:15 – 8:45 AM). Grading should wrap up by 12:30 PM. Check in and pick up a name tag in the grading room (library, 6th floor).
- **(Optional)** Afternoon events will take place in the auditorium on the 1st floor.
    - These events will include a math talk by Dan Zaharopol (founder and executive director of Bridge to Enter Advanced Mathematics), the live Countdown Round, and an award ceremony. You are welcome to stick around for the afternoon & lend a hand if needed or just watch.

Breakfast, Lunch & T-Shirts

- Breakfast (bagels) and lunch (assorted Cosi sandwiches & snacks) will be provided. Help yourself.
- Volunteers are each entitled to a MATHCOUNTS Manhattan t-shirt. Please pick yours up in the grading room.

Grading

- You will be assigned a school to grade and another school to double check. If you have a conflict of interest (e.g., you attended or know students from a particular school), please let us know and don't grade that school.
- Each school has a "Team" of 4 students plus up to 6 "Individuals." Graders will have 2 score sheets for each school: one for the Team members and one for Individuals (assuming the school has both participating).
- **Important note on the score sheets**: the sheets are on carbonless copy paper. You should write forcefully in pen, and don't write on one score sheet set with other sets underneath. **Please bring a pen** or two.
- MATHCOUNTS has 3 written rounds: Sprint (30 problems), Target (8 problems given in pairs), and Team (10 problems). Each student's Sprint and Target rounds will be graded, while only one Team paper per school (from the official Team) will be graded officially. You will also be asked to score the unofficial Team round for a school's Individuals.
- **You will receive a copy of the answer key.** Correct answers should match the answer key exactly (e.g., if 0.5 is in the answer key, a response of ½ is not acceptable – the problem will have specified the correct form for the students).
    - If you have any doubt about an answer, there will be many experienced graders around – just ask!
- For each correct answer, please mark a "1" in the appropriate box on the score sheet. For each incorrect answer, please mark a "0" on the score sheet.
- Once each round is scored, please total up the number of correct answers to get a score for the round. The score sheet will then instruct you on how to determine overall individual and team scores.
- After completing scoring, please initial the score sheet in the designated spot.
- Another grader should double check your work and initial the score sheet. If there is a disagreement, please work together to correct the score.
- No contest materials may be removed from the room. Other chapters use the same test on different days.
- Once scores are finalized, Andrei Gnepp will collect the score sheets and determine the winners.

If you are a newer grader, please feel free to ask any questions as you set up your score sheets and begin to grade. The grading is easier to do than to describe – if this seems confusing, please don't worry! The following pages contain sample score sheets.

Thank you for volunteering! The competition could not run without you!

2011 MATHCOUNTS® Competition Tally Sheet - INDIVIDUALS

SCHOOL: West Middle School COACH: Pythagoras

SPRINT ROUND

use 1 for correct, 0 for incorrect

COMPETITOR (Alpha by Last Name)	# CORRECT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	30	29	28	27	26	25	24	23	22	21
Ug, Ursula	13	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Vox, Victor	15	1	1	1	0	1	1	1	1	0	1	1	0	1	1	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0										
Way, Wanda	22	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	0	1	0	0	1	0	0	1	0										
Xu, Xou	5	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Ya, Yogie	11	1	1	1	1	0	1	1	1	0	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Zin, Zoie	8	1	1	1	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										

First Sprint Round Tiebreaker Subset

TARGET ROUND

COMPETITOR (Alpha by Last Name)	# CORRECT	1	2	3	4	5	6	7	8	TARGET SCORE (# correct x 2)	SPRINT SCORE (# correct from above)	*INDIVIDUAL SCORE* Target Score + Sprint Score
Ug, Ursula	4	1	1	1	1	0	0	0	0	8	13	21
Vox, Victor	4	1	1	0	1	1	0	0	0	8	15	23
Way, Wanda	6	1	1	1	1	1	0	1	0	12	22	34
Xu, Xou	2	1	1	0	0	0	0	0	0	4	5	9
Ya, Yogie	4	1	1	1	0	1	0	0	0	8	11	19
Zin, Zoie	3	1	1	0	1	0	0	0	0	6	8	14

Team
Target
Sprint
Scorer
Checker

A copy of this form or equivalent computer-generated report should be distributed to the school coach.

TIEBREAKING PROCEDURES

Individual Tiebreaker

- Sprint Round score.
- Use first Sprint Round tiebreaker subset: 30, 29, 28, 27, 26, 25, 24, 23, 22, 21.
  - Total number correct from first Sprint Round tiebreaker subset.
  - Individual comparison of subset problems compared in the order listed above.
- Compare problems from the Target Round in the following order: 8, 7, 6, 5, 4, 3, 2, 1.
- Use second Sprint Round tiebreaker subset: 20, 19, 18, 17, 16, 15 14, 13, 12, 11.
  - Total number correct from second Sprint Round tiebreaker subset.
  - Individual comparison of subset problems compared in the order listed above.
- Third Sprint Round tiebreaker subset: 10, 9, 8, 7, 6, 5, 4, 3, 2, 1.
  - Individual comparison of subset problems compared in the order listed above.

2011 MATHCOUNTS® Competition Tally Sheet - INDIVIDUALS

SCHOOL: West Middle School COACH: Pythagoras

Sprint Round

use 1 for correct, 0 for incorrect

Competitor (Alpha by Last Name)	# Correct	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	30	29	28	27	26	25	24	23	22	21
Ug, Ursula	13	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Vox, Victor	15	1	1	1	0	1	1	1	1	0	1	1	0	1	1	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0										
Way, Wanda	22	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	0	1	0	0	1	0	0	1	0										
Xu, Xou	5	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Ya, Yogie	11	1	1	1	1	0	1	1	1	0	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Zin, Zoie	8	1	1	1	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										

First Sprint Round Tiebreaker Subset

Target Round

Competitor (Alpha by Last Name)	# Correct	1	2	3	4	5	6	7	8	Target Score (# correct x 2)	Sprint Score (# correct from above)	*INDIVIDUAL SCORE* Target Score + Sprint Score
Ug, Ursula	4	1	1	1	1	0	0	0	0	8	13	21
Vox, Victor	4	1	1	0	1	1	0	0	0	8	15	23
Way, Wanda	6	1	1	1	1	1	0	1	0	12	22	34
Xu, Xou	2	1	1	0	0	0	0	0	0	4	5	9
Ya, Yogie	4	1	1	1	0	1	0	0	0	8	11	19
Zin, Zoie	3	1	1	0	1	0	0	0	0	6	8	14

Team Round: 7

write in Team Round score (out of 10) for unofficial team, if available

Team
Target
Sprint
Scorer
Checker

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TIEBREAKING PROCEDURES

Individual Tiebreaker

- Sprint Round score.
- Use first Sprint Round tiebreaker subset: 30, 29, 28, 27, 26, 25, 24, 23, 22, 21.
  - Total number correct from first Sprint Round tiebreaker subset.
  - Individual comparison of subset problems compared in the order listed above.
- Compare problems from the Target Round in the following order: 8, 7, 6, 5, 4, 3, 2, 1.
- Use second Sprint Round tiebreaker subset: 20, 19, 18, 17, 16, 15 14, 13, 12, 11.
  - Total number correct from second Sprint Round tiebreaker subset.
  - Individual comparison of subset problems compared in the order listed above.
- Third Sprint Round tiebreaker subset: 10, 9, 8, 7, 6, 5, 4, 3, 2, 1.
  - Individual comparison of subset problems compared in the order listed above.