Larry White - Mathematics Contest Director - texasmath@centex.net

UIL Test Comments — 2017-18

*** NOTE: See Off on a Tangent for information on workshops and the Student Activity Conferences *******

*** NOTE: See "Off on a Tangent:Test Discussion" below about district, regional, and state tests ***

SAC - - - >   No errors, corrections, or comments reported at this time. (Release dates: 9/9/17-10/14/17)

A - - - >   #43 … bad problem … See **Test Discussions** below.   (Release dates: 1/5/18 - 2/3/18)

B - - - >   #19 … problem should have said: **How many possible negative real roots could**
                            #42 … the second sentence should have been: **4 out of 6 Millersviewites have a spouse**
                                    and a travel trailer.
                            #57 … the third line parameter should have been: **1< x**   (Release dates: 2/9/18 - 3/3/18)

District - - - > No errors, corrections, or comments reported at this time. (Release dates: 3/19/18 - 3/24/18)

Regional - - - > No errors, corrections, or comments reported at this time. (Release dates: 4/13/18 - 4/14/18)

State - - - >   No errors, corrections, or comments reported at this time. (Release date: 5/3/18 - 5/5/18)

TMSCA Test Comments — 2017-18 (tests I write for TMSCA)

 # 6   - - - >   See **Test Discussions** below for a comment on #59   (Release date: 12/02/17)

 # 13 - - - >   No errors, corrections, or comments reported at this time. (Release date: 3/03/18)

State - - - >   No errors, corrections, or comments reported at this time.   (Release date: 3/17/18)

District Warm-Up - - - > No errors, corrections, or comments reported at this time.
                            (Release date: to be determined by TMSCA)

Off on a Tangent

Workshops and/or Presentations I will be doing:
1. UIL Capitol Conference, Austin - June 26-27, 2018.
2. *What's Your 8th Problem* - Math Camp at Texas Tech University, Lubbock on July 10-14, 2018.
     For more information contact Jack Barton at jack.barton@ttu.edu or 806-742-2350.
3. Student Activity Conferences:
     A. Sept.   8, 2018 - West Texas A&M, Canyon
     B. Sept. 15, 2018 - University of Texas Rio Grande Valley, Edinburg
     C. Sept. 22, 2018 - University of Texas at Arlington
     D. Oct. 27, 2018 - University of Texas, Austin

Note: 2018 SAC information TBA at a later time.

2017 Student Activity Conference (SAC) information: (Time Schedule is tentative)

9:00-10:30 a.m.   ---- Number Sense contest: guidelines, rules, resources, practice materials, etc.
                  ---- SAC 2017 Number Sense Test (take/grade) NEW 10 min-80 question test
                  ---- Q&A - discuss/answer questions from the test

10:45–noon   ---- Mathematics contest: guidelines, rules, resources, practice materials, etc.
                  ---- SAC 2017 Mathematics Test (take/grade) New 20 min-30 question test
                  ---- Q&A - discuss/answer questions from the test

12:15-1:30 p.m.   ---- Number Sense Contest and Mathematics Contest Jam Session:
                  ---- Rules: discussion, clarifications, changes, additions, etc.
                  ---- Direction: changes in formats? additions-deletions? calculator use issues?
                  ---- Previous year's problems: bring your problems and we will try to solve them

NOTE: For those of you not able to attend one of the SACs, all presentations, tests, keys, etc. should be posted on the UIL Academic website following the Austin SAC.

Test Discussions

NOTE: The district, regional, and state tests will be created based on the problems from these 6 practice tests: SAC, TMSCA 6, UIL A, UIL B, TMSCA 13, & TMSCA STATE.

#59. I used the term "median" in the problem, which probably wasn't the best choice of words. A median is the number in the middle of a list of ordered numbers. So, technically speaking, the number in the middle column is not a median since it is not in the middle of a list of ordered numbers. (i.e.) 1, 6, 9, 12, 9, 6, 1. I will correct this for TMSCA and in the future will use something similar to the following:
59. If the following pattern continues, find the 5th term of row 9.

#43. The problem states that the roots are real. As it turns out only one of the roots is real (about 0.-76533) and the other two are imaginary (.049 + 1.32i and .049 - 1.32i). The problem would have to be thrown out since it states that the roots are real. Thanks goes to the kids and their coach at Los Fresnos HS for contacting me to look into this problem. We had a nice discussion about this problem. From this discussion these questions arose: Does the harmonic mean exist if all of the roots are not real? Can a harmonic mean of a negative real exist? Can a harmonic mean of a single real root exist? Interesting thoughts and questions.

STATE MEET PROOFERS AND GRADERS

Coaches of the regional team champions and the coaches of the regional wild card teams will be needed to proof the state test (while the contestants are testing) and grade the tests.
Note:
You must be a full time employee of the school district.
You must be listed as the team's coach.
You must be willing to stay in the proofing/grading room until **all** proofing **and** grading is complete.
(Please do not agree to proof and grade if you are not going to be in the room at the designated time.)

If you are one of the 24 regional team championship coaches or one of the 6 regional wild card team coaches, you need to email me no later than April 29 with the following information:

Number Sense Contest Regional Team Champion _____   Wild Card Team _____

Name _____   School & District _____

Classification _____ Region # _____ District # _____

I will _____ will not _____ be able to help proof and grade the test.

I will send you a reply confirming that I received your email. If you do not receive an email back from me then I did not receive your email. Hence, I will begin a search for a replacement for you beginning April 30. Email me at **texasmath@centex.net**.

Good Luck! Work Hard! Play Fair!   I am off on another tangent ...