

NUMBER SENSE (updated 5/10/21)

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This will be the last update of my 'Number Sense Test Corrections and Comments' page for this 20-21 season. This has been a most unusual season. I encourage everyone to let the UIL staff know how thankful you are for all of the work it took them to put together a season amongst all of the surrounding difficulties. Finding ways to hold district, regional, and state competitions was not an easy task, to say the least. It would have been easier to cancel the season again as they had to last year, but that is not how UIL reacts to hardships. Kudos to all the UIL staff and all the coaches and hub workers for all their hard and tireless work to provide for our most valuable assets; our students and their competitive spirit.

I would like to congratulate all of the students for working through all of the issues facing us this year and continuing to grow academically through UIL competitions. The knowledge and skills gained through the UIL experience is everlasting and can never be taken away from you. I would like to congratulate all 128 of the number sense students who made to state and a special congratulations to those state championship individuals and those state championship teams. I missed not getting to see you all and I sure missed not getting to put your medals around your necks. Please don't forget to thank your parents, thank your coaches, thank your schools, and, most importantly, thank HIM. I hope you all continue to find a few minutes each day in your life to walk with, talk with, and give thanks to your creator. Without HIM the path is lonely and bleak. I am looking forward to seeing you all in the Fall.

UIL Test Comments — 2020-21

*** NOTE: See **Off on a Tangent** below for information on workshops, Student Activity Conferences, and test discussions ***

SAC - - - > No errors, corrections, or comments reported at this time. (Release dates: 10/1/20)

A - - - > No errors, corrections, or comments reported at this time. (Release dates: 1/8/21 - 2/6/21)

B - - - > No errors, corrections, or comments reported at this time. (Release dates: 2/12/21 - 3/13/21)

District - - - > #36 ... 0 and 3 are acceptable ... see discussion below (Release dates: 3/22/21 - 3/27/21)
#37 ... 48 is the correct answer, but ... see discussion below

Regional - - - > No errors, corrections, or comments reported at this time. (Release dates: 4/16/21 - 4/17/21)

State - - - > No errors, corrections, or comments reported at this time. (Release date: 4/29/21 - 5/1/21)

TMSCA Test Comments — 2020-21 (tests I write for TMSCA)

6 - - - > No errors, corrections, or comments reported at this time. (Release date: 12/07/19)

13 - - - > No errors, corrections, or comments reported at this time. (Release date: 3/07/20)

State - - - > No errors, corrections, or comments reported at this time. (Release date: 3/21/20)

Off on a Tangent

Workshops and/or Presentations I will be doing:

1. UIL Capitol Conference, Austin - ~~June 23-24, 2020~~. **Cancelled --- Virtual**
See the UIL Academic website for two recorded Zoom sessions and multiple downloads
Keep an eye out on the UIL Academic Website for information of the upcoming 2021 virtual Capitol Conference.
2. *What's Your 11th Problem* - Math Camp at Texas Tech University, Lubbock on ~~July 13-18, 2020~~.
Cancelled --- future camps have not been addressed at this time ---
For more information contact Jack Barton at jack.barton@ttu.edu or 806-742-2350.
3. Student Activity Conferences: **The 2020 conferences will be virtual.**
 - **This Year in Number Sense and Mathematics: News -Updates- Hot Topics**
(prerecorded session to be posted on the UIL Academic website on Oct. 1)
 - **Number Sense Problem Solving**
(prerecorded session to be posted on the UIL Academic website on Oct. 29)
 - **Mathematics Problem Solving**
(prerecorded session to be posted on the UIL Academic website on Oct. 29)
 - **Number Sense and Math - Coaches Chat**
(live zoom session at 4:00 pm Wednesday, Nov. 4 --- register in advance)

History of Number Sense Project:

I had hoped to have my data compiled and ready to be seen. Unfortunately, the issues facing us today has not permitted me to complete my research. I hope to finish the research later this year and have a report next year.

Resources Update

I recently received an update on "the little red book" -- Mental Mathematics for Number Sense by Frances Walzel -- is available again. The new contact email for this book is mentalmathbook@gmail.com .

Test Discussions

I have been writing 12 number sense practice tests for HEXCO since 2012 and will be writing them again this year. Contact Linda at HEXCO.com if you are interested in ordering some of these tests.

The district, regional, and state tests will be created based on the problems from these 6 tests: 2020SAC, TMSCA 6, UIL A, UIL B, TMSCA 13, & TMSCA STATE.

District #36: The intent of this problem was for 3 to be the correct answer. We have done these types of problems in the past. I did not consider zero. However, $7 \times 0 + 4 = 4$ and 4 is a perfect square. The answer 0 is the correct answer for the problem as it is stated. I should have said "positive integers, k" or " $0 < k < 11$ ".

District #37: The actual linear term of this cubic is "48x", however number sense rules do not allow for letters or symbols or extraneous marks of any kind in the answers. So, 48x cannot be accepted. In the future I will try to put the word "coefficient" in the problem.

***** Not applicable for this year *** 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 25 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 26. Email me at **texasmath@centex.net**.

Good Luck! Work Hard! Play Fair!

I am off on another tangent ...