

NUMBER SENSE (updated 1/6/24)

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**Special Announcement --- The Number Sense Chronology is finished.
See 'Off On A Tangent' below.**

Two new online resources --- See Resources Update below.

UIL Test Comments — 2024-25

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

SAC - - - > #22 --- remove the three dots after 0.5
#75 --- should be log base 5 of sqrt 125, not Ln (Release date: 11/4/24)

A - - - > (Release dates: 1/10/25 - 2/01/25)

B - - - > (Release dates: 2/07/25 - 3/08/25)

District - - - > (Release dates: 3/24/25 - 3/29/25)

Regional - - - > (Release dates: 4/25/25 - 4/26/25)

State - - - > (Release dates: 5/19/25 - 5/21/25)

TMSCA Test Comments — 2024-25 (tests I write for TMSCA)

6 - - - > #65 --- should be 720 not 712 (Release date: 12/07/25)

13 - - - > (Release date: 3/08/25)

State - - - > (Release date: 3/15/25)

District Warm-Up - - - > (Release date: TBA)

Off On A Tangent

Workshops and/or Presentations I will be doing:

1. UIL Capitol Conference, Austin - June 27-28, 2024
2. "Here's Your 8th Sine" Math/Science Camp, Sabine – July 17-18, 2024
3. Student Activity Conferences: Fall 2024
September 7: Tyler Junior College, Tyler
September 14: Lone Star College-North Harris, Houston
October 5: Texas Tech University, Lubbock
November 2: University of Texas at Austin

***** Note: the handouts and information from the SACs will be posted the week**

following the last SAC in Austin. ***

History of Number Sense Project:

The 278-page **Number Sense Chronology** is finished. It has taken a while. It was a lot of work, but well worth it and I enjoyed every minute of it. I hope you will find it as interesting as I did while doing it. There will be a link on my number sense page to download and/or view the chronology.

I decided not to publish it or accept any compensation for it. It was just something I wanted to do for the UIL Archives and for anyone interested in one of the oldest UIL contests. My wife and I have set up an annual TILF scholarship ... Larry and Mona White Number Sense Scholarship ... to help a couple of competitors (one girl and one boy) each year. You can get the scholarship information from the TILF scholarship page. Since there is no charge for the chronology, and if you feel the need, the scholarship has been set up so that donations can be made to it. If and when enough donations come in we will be able to add a third or fourth scholarship besides the two my wife and I are giving. I hope you enjoy this chronology.

Resources Update

Texas Math Mundo, <https://www.youtube.com/channel/UCDHQCWfSMjNJS0aJx8jITw>. If you haven't listened to some of these videos you need to. Saul Cantu is doing some neat things to make UIL STEM competitions more transparent. Thanks Saul for all of your efforts and hard work.

Number Sense resources can be found in my number sense presentations done at the Capitol Conference, <https://www.uilTEXAS.org/academics/capital-conference/online> and at the Fall 2024 Student Activity Conferences.

Also, UIL has a resource list available on its website, <https://www.uilTEXAS.org/academics/resources/additional-resources>.

Project Sense - free, comprehensive and unlimited Number Sense training website with features such as individual trick practice, video explanations, multiplayer, AI, leaderboards, etc.

Created by: Henry Tran, Tesfa Taye and Andrew Mi (School for the Talented and Gifted)
<https://project-sense.vercel.app/> (for more information: projectsense.ns@gmail.com)

Monkey Sense –a rough description for each trick, practice problems, practice tests, test mode, print mode, estimation problems mode, and a "hardcore" mode that helps train accuracy.

Created by Adam and Ellison Zhu, 2024 graduates and state contenders (Frisco Lebanon Trail HS)
<https://monkeysense.me/> (for more information: adamzhu314@gmail.com)

Test Discussions

I have been writing 12 number sense practice and competition 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 2024-25 tests: 2024SAC, TMSCA 6 (C), UIL A, UIL B, TMSCA 13 (D), TMSCA STATE (E).

STATE MEET PROOFERS AND GRADERS -- New Policy for 2025

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 an employee of the school district or a verified volunteer.

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 May 7 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 May 15. Email me at texasmath@centex.net.

Good Luck! Work Hard! Play Fair!

I am off on another tangent ...