

The Number Sensation

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www.NumberDojo.com



Student Activity Conference—Free Knowledge!

If you haven't attended a UIL SAC yet, and you have the opportunity, DO IT! It was worth the 2-hour drive for me to take my 10th grader. Larry White, as usual, was insightful, entertaining, and helpful. He introduced several new concepts—and new twists on old concepts—which I've highlighted in my [Number Sense Challenge](#) tests 022 & 023.

20-Week Road Map to Becoming a Champion

Many students, parents, and coaches ask me: "**Where do I start?**" I've tried to take the mystery out of number sense training. So I've spent scores of hours studying which concepts:

- Appear on tests, where on the test, and how often;
- Should be taught before others;
- Are "companions"—or solved in similar ways;
- Are the most problematic (most often missed);
- Appear in all 3 levels of competition (EL, MS, & HS); and
- Appear in some levels, but not others.

With this information, I have split all the concepts into grade levels:

- 3rd (EL questions 1-20), 4th (Q 21-50), & 5th (Q 51-80)
- 6th (MS Q 1-20), 7th (Q 21-50), & 8th (Q 51-80)
- 9th (HS Q 1-20), 10th (Q 21-40), 11th (Q 41-60), & 12th (Q 61-80)

I've written step-by-step [curriculum](#) for each grade, and I've now created a 20-week [syllabus](#) for each grade—which guides a student at any level through every relevant concept for the year. Each week, the student does 2-4 lessons (EL) or 4-6 lessons (MS, HS), so they can be the most prepared for STATE competitions in the spring. Like Maui always says, "[You're welcome!](#)"

Upcoming Events

October 2

[Lubbock Mathletic Expo 2018](#)

October 20

Wild Westerner Academic UIL
tourney at Lubbock HS

October 27

Fall Festival at TTU Library

Maps of Upcoming Meets

Tricked Out

August's most-missed Q's:

EL: [SubFracSame](#)

$$\frac{11}{15} - \frac{8}{15} = \underline{\hspace{1cm}} \text{ (fraction)}$$

MS: [FindLCM](#)

The smallest number > 40
that has a remainder of 2
when divided by 3 & 7 is

HS: [ConvVolume](#)

$$1 \text{ bushel} + 1 \text{ gallon} = \underline{\hspace{1cm}} \text{ gallons}$$

Word Search Contest

Circle each word in the word search below. Once you are done, the **unused letters** will spell out a secret phrase (this month's prize).

Send the secret phrase back in an email to numdojo@gmail.com. Each person with a correct answer will be entered in a drawing for the **free prize!** (\$199 value)

S	D	R	A	C	H	S	A	L	F	F
T	P	R	E	G	E	P	S	R	E	M
E	E	B	G	N	I	H	T	A	M	U
E	A	M	O	I	N	O	S	S	E	L
H	R	I	L	H	U	U	E	M	M	U
S	D	E	B	C	B	M	T	S	B	C
K	E	P	P	A	E	N	O	H	P	I
R	C	E	L	O	X	E	D	N	I	R
O	K	L	R	C	D	S	W	E	N	R
W	Y	G	N	I	R	O	T	U	T	U
S	S	H	V	I	S	P	A	M	P	C

Word List: Blog, Coaching, Curriculum, Flash Cards, Index, iPhone app, Lesson, Maps, Mathing Bee, News, Pear Deck, Syllabus, Tests, Tutoring, Videos, Worksheets

Try out the Weekly Number Sense Challenge!

Can't wait to start competing again? Then don't wait!

Here's how it works:

1. **Download and take** the test
2. **Scan** the completed test **and send** it back
3. **We'll grade** your test and **post the results** & rankings.

Available for *Elementary, Middle School, and High School!*

See <http://www.numberdojo.com/nschallenge.html>.

TMSCA State Elementary Meet!

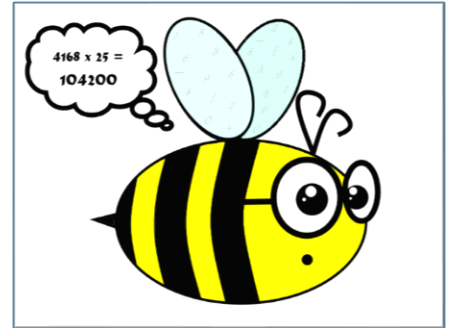
For the first time, TMSCA is holding a State Meet this year for **grades 3-5**:

- Number Sense
- Calculator
- Math
- Science

Instead of traveling to San Antonio, schools who enter this contest will host it at their **own campus** (virtually).

For **only \$50**, TMSCA member schools can have unlimited entries in all 4 events. Send the results to TMSCA, and they will send out awards to the winners.

The contest runs from **April 22nd – May 10th**.



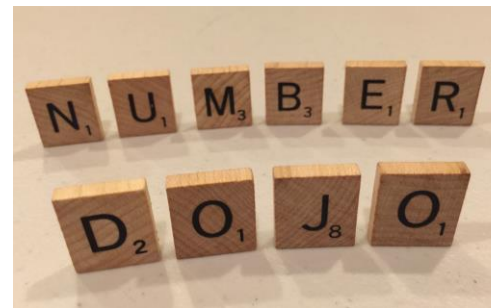
Texas State Mathing Bee

This year's State Mathing Bee is scheduled for March 9th, 2019. There are **3 ways to participate**:

1. Register to hold your own Mathing Bee at your school.
2. Host an invitational Mathing Bee as part of a UIL or TMSCA contest.
3. Be a grade-level winner of any [Number Sense Challenge](#).

Grade-level winners will advance to Regionals, with a chance to move on to State!

More details are found [here](#).



Also check out our:

[Curriculum](#), [Practice Tests](#), [Indexes](#), and [Flashcards!](#)