

## UIL Calculator Applications Contest – State Meet Coach Handout

Dave Bourell, Contest Director

### Contest Information

- “Bag tags”, blank certificates and calculator survey will be at contestant seats on the day of the test. Contestants may print their own certificate specifics using the print template available at [http://www.uil texas.org/files/academics/SM\\_Certificate\\_Template.pdf](http://www.uil texas.org/files/academics/SM_Certificate_Template.pdf). There are no contestant name badges this year.
- Seating charts with schedules are provided.
- Ipods and similar listening devices will not be allowed.
- Smart phone and similar multifunction technology may not be used during the contest, including the clock and stopwatch features

### Calling for Alternates – UTC 2.102A ~8:50 AM

Dr. Bourell will call for alternates according to the UIL Constitution and Contest Rules. If needed, this will take place at approximately 5 minutes before the contest begins. He will announce earlier if all contestants are present and alternates may be excused.

### Test Proofing and Grading – WEL 1.308 (~9:00 AM – 11:15 AM); Closed Session

There will be ~30 coaches who constitute the proofers/graders with a region and conference spread. The right of first refusal goes to coaches of teams, winning and wild card, that advance to state. Right of second refusal goes to the coaches of individual winners by place. If needed, Dr. Bourell will take a volunteer coach from the vacant region/conference.

This group will work the contest while the actual contest is taking place. Immediately after the contest, Dr. Bourell will meet the proofer/graders, and we will discuss any potential answer key errors. The answer key will then be considered to be final and indisputable.

All tests will be triple graded. Ties will be broken through the top six places only.

### Answer Legibility

Any grader may elect to apply the legibility rule to any number judged to be unclear. The procedure is to tear a small hole in a sheet of paper the size of the digit in question, to cover the contest page exposing only the digit in question and to ask three graders to call the digit. Graders must give a digit response. If two or all three agree on a digit, then that is the digit for grading purposes. If all three disagree on the digit, the number will be judged to be illegible, and the problem will be counted incorrect on the basis of illegibility. Numbers subjected to the legibility criterion will be noted as such on the contest page. Dr. Bourell will be the sole and final arbiter on legibility of all other parts of the answer (decimal point, “x10”, sign) and will have oversight responsibility for the entire legibility process.

### Ties

After exercising the tie-breaking procedure as described in the UIL Constitution and Contest Rules, if there is a two-way tie for 1st, there will be two medals awarded. In that case, there will be no second place awarded and the medal will be returned to the UIL.

### Unofficial Announcing of Scores – WEL 1.308 ~11:15 AM

Once all tests have been graded and all ties broken, doors will be opened and all interested parties will be invited in. Dr. Bourell will announce the unofficial individual scores by student number. Rankings will not be given at this time.

<i>Teams:</i>	First Place:	Plaque for school, Four medals, Four champion bumper stickers, Lapel pin (winning coach)
	2nd/3rd Place:	Plaque for school, Four medals
<i>Individual:</i>	First Place:	Gold medal, champion bumper sticker, lapel pin (winning coach), option for school to order a plaque
	Second Place:	Silver medal
	Third Place:	Bronze medal
	Fourth through Sixth Place:	Medals

## BRIEF INSTRUCTIONS FOR GRADING CALCULATOR APPLICATIONS

1. Mark with an X incorrect answers. Do NOT mark correct answers with a check or any other mark.
2. Grade according to the key. Plus or minus one unit in the third digit is allowed except in the following:

*Specific information on problems will appear here at grading.*

3. Calculate score from  $5 \times \# \text{ worked} - 7 \times \# \text{ incorrect} - 2 \times \# \text{ SD errors}$ . Write score at top and put your initials with it. If your score disagrees with the score from another grader, work out differences with that grader.
4. Legibility Test. If you can't read a numeral or disagree with another grader about a numeral, tear a small hole in a sheet of paper, so as to mask out everything but the questionable numeral only. Then show it discretely to three other graders. If any two agree, that is what the numeral is declared to be. Circle the numeral and write "Determined to be a 3" nearby. If no two agree, circle the offending numeral and write "Declared illegible". If the answer is declared illegible, the answer is counted incorrect, and subsequent gradings do not consider that answer. If you are asked to judge legibility, disclose your verdict privately so as not to influence others' decision.
5. Collect tests that have been triple graded. Sort by score and break ties **FOR THE FIRST 6 PLACES ONLY** by adding the points gained on the stated and geometry problems: + 5 points for each correct, +3 for each significant-digit problem correct but SD missed, and 0 for each problem missed. Under the score, record the points (e.g., "S+G = 110") for papers where ties are broken.
6. When done grading, please insert an answer key into each test, sort by test number and deliver to the Contest Director.