

Calculator Guidelines

For Mathematics Content Assessment

A maximum of two calculators permissible under the ACT guidelines may be used for Governor’s Cup. You may use any four-function, scientific, or graphing calculator, unless it has features described in the **Prohibited** list. For models on the **Permitted with Modification** list, you will be required to modify some of the calculator’s features. Below are the ACT Calculator Guidelines—adapted from www.actstudent.org:

FAIR WARNING: The coach is responsible for knowing if a calculator is a permitted model. If a student uses a prohibited calculator, that student’s exam will not be scored.

Prohibited Calculators

- calculators with built-in computer algebra systems (CAS), including:
 - Texas Instruments: all model numbers that begin with TI-89 and TI-92, and the TI-Nspire CAS (the TI-Nspire non-CAS calculator is permitted)
 - Hewlett-Packard: hp 48GII and all model numbers that begin with hp 40G, hp 49G, or hp 50G
 - Casio: Algebra fx 2.0, ClassPad 300 and 330, and all model numbers that begin with CFX-9970G
- pocket organizers
- handheld, tablet or laptop computers, including PDAs
- electronic writing pads or pen-input devices—The Sharp EL 9600 is permitted.
- calculators built into cell phones or other electronic communication devices
- calculators with a typewriter keypad in QWERTY format—those with letter keys not in QWERTY format are permitted

Calculators Permitted with Modification

- calculators with paper tape—Remove the tape.
- calculators that make noise—Turn off the sound.
- calculators that can communicate wirelessly with other calculators—Completely cover the infrared data port with heavy opaque material, such as duct or electrician’s tape (includes HP-38G and 39G series and HP-48G)
- calculators that have power cords—Remove all power/electrical cords.

On Competition Day

If you decide to bring a calculator to Governor’s Cup, it must not be a prohibited type. Be sure your calculator is working and has reliable batteries. You may bring a spare calculator and extra batteries to the event. Host schools are **not** required to supply batteries or calculators. You will **not** be allowed to share calculators during testing. Proctors will check your calculator to verify it is a permitted type, and they will monitor your use of your calculator. If your calculator has a large display, proctors may seat you where no other test taker can see your calculator.

Students are not required to clear calculator memory before the event.

More Information about Specific Calculator Models

- All calculators in all of these series are prohibited because they have built-in Computer Algebra Systems: Casio CFX-9970G and Algebra fx 2.0, Hewlett-Packard HP-40G and HP-49G, and Texas Instruments TI-89.
- All calculators in the Texas Instruments TI-92 series are prohibited because they have QWERTY (typewriter) keyboards and built-in Computer Algebra Systems. The TI-Nspire (non-CAS) is permitted, as is the TI-84 Plus Silver Edition.
- Calculators in the Hewlett-Packard HP-38G series and HP-48G series may be used only if the infrared communications port is covered with heavy opaque material such as duct tape or electrical tape.
- The Sharp EL-9600 is permitted for use because it is not considered a pen-input device. You may bring the stylus that
- comes with the calculator.

Content Assessment Proctoring Guidelines

Proctors for each examination distribute materials, keep an orderly contest room, escort students to the restroom in between Testing Time Frames (unless others are designated to do so), and collect materials. At least two proctors are recommended for each testing area.

1. Before the examination, obtain a copy of the sign-in form, scratch paper, pencils and a timing device from the Contest Manager.
2. Separate individuals from the same school. Leave as much room as possible between participants.
3. If a student's device creates a disturbance, the student shall be instructed to turn off the device and place it under the chair and out of sight.
4. Five minutes prior to the exam start time, take an initial head count.
5. Three minutes prior to start time, make a final head count. Note any absent students.
6. Two minutes prior to start time, welcome students and read the following:

"Welcome students! In a few minutes you're going to log in and take your first exam. Please mute your mics at this time if they aren't already and listen closely.

(If Math exam) You'll be taking a 60-minute test with 50 questions and 10 tiebreakers.

or

(All other exams) You'll be taking a 50-minute test with 50 questions and 10 tiebreakers.

You'll be disqualified if you use any outside material or visit any other websites during testing. Instructions for taking your exam will be on your screen. A countdown timer is displayed at the top of each page. Keep an eye on your timer.

If you finish early, please close the device you're using for testing and remain seated quietly.

You need to have your login password and your testing ID number ready at this time. You should have one password for each exam you're taking. Is there anyone who doesn't have the password for their first exam?

You may write down your answers on scratch paper if you want to check them against the key your coach will receive.

(at testing time) Now, on your device, go to www.kaac.com. Click "Login" at the top, then "Students." Now let's all navigate to the login link in your browser. Everyone there? Please enter your password and login.

Has everyone logged in successfully? You should be seeing a landing page with a large JV Challenge logo.

You'll be asked your Section number – it is _____.

The timer will start once you complete this introductory section. You are now free to enter your information and begin the exam.