

Math Proficiency: RISE Assessment

Utah's math assessments reflect classroom instruction and provide meaningful data on student learning and progress. The RISE assessment is aligned to the Utah Core Math Standards and helps measure student proficiency and growth over time.

Quick Facts

RISE is an untimed, computer-adaptive, course-based assessment aligned to grade level standards given in:

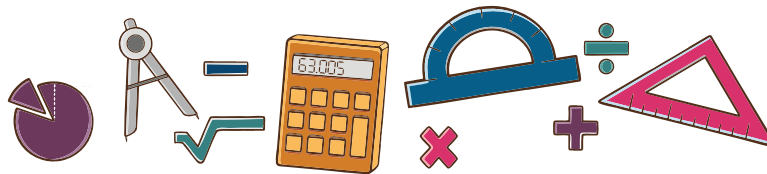
- Grades 3–8
- Secondary Math I
- Secondary Math II
- *Secondary Math III

*Once new standards are approved.

Design & Development

RISE items are reviewed through a multi-step process to ensure standard alignment, quality, and fairness. Each item goes through:

- Content review
- Bias and sensitivity review
- Parent review
- Field testing
- Rubric validation
- Data analysis



Instructional Support & Student Preparation

Utah assessments are aligned to the Utah Core Math Standards. Instruction should reflect the same concepts, skills, and depth of knowledge assessed.

- **Math Core Guides** support lesson planning and identify critical skills, background knowledge, and vocabulary.
- Use **Benchmarks** to monitor student progress and inform instruction.
- A **training test** helps students get familiar with item types, tools, and the testing environment.

Math Testing Guidance

As educators prepare students for summative math assessments, it's important they understand how key concepts are assessed and how students are expected to respond. Clear guidance on formulas, rounding, variable entry, and multi-part cluster items can support consistent instructional alignment and more effective test preparation.

- **Formulas:** Students must memorize any grade-level formulas identified in the standards. Others will be embedded in the item. No reference sheets are provided.
- **Rounding:** Items will specify rounding requirements when applicable. If not specified, students should provide the full decimal or an equivalent fraction.
- **Variables:** RISE customizes the keypad to only allow entry of the variables defined in the item (e.g., if the stem uses c and p, only those appear).
- **RISE Clusters:** Clusters are multi-part items connected to a real-world task. They assess understanding across multiple standards and practices. Clusters appear in Training Tests and Benchmarks.

Helpful Resources

OER Textbooks: <https://www.uen.org/oer/index.shtml>

Available on the RISE Portal: utahrise.org/resources

- Test Blueprints & Cut Scores
- Performance Level Descriptors
- Training Test
- Calculator Policies & Desmos Access
- Benchmark Modules

Available on the USBE math page: <https://www.schools.utah.gov/curr/mathematics/core>

- Math Standards
- Core Guides
- Major Works

Need Help?

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