

POLICY: Math Test
ADOPTION DATE:

All students are required to take and pass (at a criterion of 95%) the Special Education Math Test prior to admittance to the Special Education program. The test is consistent with the Utah State Core Curriculum and reflects some of the basic math skills and concepts you needed to teach students with disabilities. This test will be offered in the second five week block of every semester. Contact Co Brunner to make an appointment (435) 797-3245 or cosette@cc.usu.edu. Please plan approximately 2 hours to complete the test.

You will have a maximum of 2 attempts to pass the test. You will not be permitted to use a calculator. Beyond 2 attempts, additional attempts to pass the test will require:

1. Written submission of a request
2. Evidence of a systematic plan for study, including a signature from a math tutor who will assist.
3. Approval of the written plan from the undergraduate committee.

If you need to refresh your math skill, you can find a copy of a math test in the YETC and/or you can use the attached Practice Test and Answer Key to practice the concepts and skills addressed in the test.

The test addresses the following skills and concepts:

1. Round whole numbers
2. Convert fractions, decimals, percents and graphic representations
3. Identify numbers of greatest value, including fractions and decimals
4. Identify the equation represented by an exponent
5. Identify the coordinates for points on a graph
6. Identify appropriate equations to solve word problems, including addition, subtraction, multiplication, division of whole numbers, fractions and money
7. Identify missing numbers or symbols in an equation.
8. Add, subtract, multiply and divide:
 - a. Whole numbers
 - b. Fractions (express in simplest form)
 - c. Decimals
 - d. Mixed numbers (express in simplest form)
 - e. Negative numbers
9. Find:
 - a. Multiples
 - b. Greatest common factors
 - c. Prime numbers
 - d. Equivalent Fractions
 - e. Simplest form of fractions
 - f. Averages
 - g. Area
 - h. Reciprocals

10. Compute arithmetic sequences
11. Interpret graphs
12. Solve story problems involving:
 - a. Addition, subtraction, multiplication, and division
 - b. Units of measurement
 - c. Basic probability
 - d. Percentage
 - e. Multiple steps that include time, money, fractions, and percents
13. Identify basic geometric objects