

Brock University
Department of Mathematics
Mathematics Skills Test Instruction Pages

Note: Read all instructions and then proceed with activating your account, taking the practice test and registering for a test time

Content of the Mathematics Skills Test

There are three major areas of high school mathematics content that the Mathematics Skills test covers:

- **Algebra** (equations of lines, factoring, simplifying expressions, solving equations and inequalities, absolute value and long division of polynomials)
- **Functions and Modeling** (domains, compositions, transformations, symmetry, inverses, roots, parabolas, and modeling)
- **Transcendental Functions** (exponential, logarithmic and trigonometric functions)

Preparing for the Mathematics Skills Test

The first step to prepare yourself for the test is to activate your Möbius account. Please click on the link if you have not already done to do so.

Math 1P05 (Winter 2023 Term): [Click here to activate account.](#)

You use your Brock account login and password for Möbius. You **MUST** activate your account prior to taking the Skills Test. For an alternative activation method, please [see here](#).

PLEASE NOTE: You can only log in to Maple T.A. using Sakai OR using the appropriate link above. Do not attempt to log in directly to Maple T.A. as it will not recognize your username and password.

A Möbius Practice Test will be available to you after you register in the course to help prepare you to:

- enter answers using Möbius and its corresponding notation
- give some insight into the types of questions you may be asked during the in-person test.

The Practice Test will have the same two-hour time limit as the actual test and cover the same mathematical topics. Each time you attempt the practice test, a new test is randomly generated, so **you are encouraged to make multiple attempts**. However, you are **strongly encouraged to [carefully review each practice attempt](#)** and then thoroughly go through the [review materials](#) **after completing each test, particularly those that cover areas where you may have struggled**. Please note that the practice test is not exhaustive, so there may be questions asked at the in-person MST that were not on the practice test.

You must first familiarize yourself with the Möbius software by taking the Readiness Test, which is a basic orientation of Möbius and Möbius syntax (A summary of Möbius notation is [available at this link](#) and examples of [more advanced notation here](#)). A **grade of 16 or higher on the Readiness Test is required** before you can access the Practice Test.

Taking the Mathematics Skills Test

You are required to book a test time between **January 5th** and **January 6th** by [going to this link](#) following the instructions there to register for available test time. You must book your test by **Monday, January 2nd, 2023**, at **11:59 PM** eastern time. Booking requests are filled on a first-come first-served basis. You may only register once for the test, so please make sure you are available for the testing time you choose. Due to space limitations, if a testing time is full, you will have to book a different time.

The test is mandatory to obtain credit in Math 1P05. You **must arrange to come to our St Catharines campus** for one of the following test times:

Thursday January 5 th	Friday January 6 th
10:00 AM to 12:00 PM	10:00 AM to 12:00 PM
2:00 PM to 4:00 PM	2:00 pm to 4:00 pm

Testing will take place in Mackenzie Chown J-block room 430 (located on the fourth floor of the building in the Department of Mathematics and Statistics) at Brock University using the software Möbius. No calculators or other aids will be permitted during the test. Scrap paper will be available for students to do rough work. Please bring your student ID card or other government photo identification. Please arrive in J430 fifteen minutes before the test start time.

Completing the Mathematics Skills Test

You may wish to check out:

1. [Our list of Review Material Links](#)
2. [Our Quick Start Guide](#)
3. [How to Review your Practice Tests](#)
4. [Guide to Entering Answers into Maple T.A.](#)
5. [Maple T.A. Syntax Guide Summary](#)
6. [Examples of Complicated Maple T.A. Syntax](#)

