

Want to Improve Your Math [Accuplacer](#) Score?

The mathematics department at Montgomery College has developed multiple tools to help students independently learn the mathematics necessary to place into college-level mathematics.

The resources here closely match the content of Math 080, 093, and 096, but they do not align exactly with the Accuplacer test. Our reasoning is that we want to make sure you can place into the appropriate course, and we don't want to just teach good testing skills. We believe that learning the mathematics is more important than learning the test. The appropriate course for you is one that enables you to build on the mathematics you know and master concepts you have not yet mastered.

The following resources are ordered from lowest levels to highest. They are a combination of resources created at Montgomery College and those that we have found appropriate and of exceptional value. You may start wherever you like, but we suggest starting at the lowest level and working your way up.

[Accuplacer Prep](#)

The company that makes Accuplacer offers an app that is available on the Android and Apple stores called [The Official Accuplacer Study App](#). The app will give you an idea of the types of questions you will see on the test, but it is not adaptive. The app charges a fee for download or use. There is also a web-based version of this found [here](#). The two tests Montgomery College uses are the Algebra and College Math tests.

MATH 080: Mathematics Prep

Topics

[Content Summary](#) (Part I)

[Content Summary](#) (Part II)

[Witte Videos](#) (Part I)

[Witte Videos](#) (Part II)



KHAN
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[Khan Videos](#)



Purplemath

[Preliminary and Beginning Algebra](#)

MATH 093: Intermediate Algebra for Liberal Arts

[Topics](#)

[Content Summary](#)

[Witte Videos](#)



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[Khan Videos](#)



Purplemath

[\(Intermediate Algebra\)](#)

MATH 096: Intermediate Algebra

[Topics](#)



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[Khan Videos](#)

[Paul's Online Notes](#)



Purplemath

[\(Intermediate Algebra and Advanced Algebra\)](#)

MATH 098 & MATH 165: Pre-Calculus

[Topics](#) (Trig)

[Topics](#) (PreCalc)

[Education Portal](#) (videos)



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[Khan Videos](#)



Purplemath

[\(Advanced Algebra\)](#)

Adaptive sites

Adaptive tests adjust the level of difficulty based on your answers. If you give an incorrect answer, the next problem will be a little easier; if you answer correctly, the next problem will be more difficult.



This site has an adaptive test that will help you figure out which areas below you need to review, as well as providing additional review resources.



This site does not provide content, but can solve problems that you input. This is a great way to make up problems on your own and check your answers immediately, as well as experimenting with problems.



This site provides content and instruction for a fee. The developmental courses at Montgomery College would best be covered by their “Developmental Math” option. It does also offer content for the higher level courses for students who are trying to place into Calculus. The site offers a free trial.