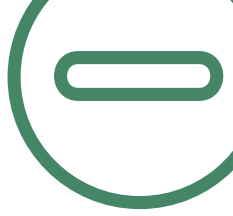




EASTERN MICHIGAN UNIVERSITY

Math Pathways Support Program

DEPARTMENT OF MATHEMATICS & STATISTICS



WHAT TOPICS ARE COVERED ON THE ALEKS PLACEMENT ASSESSMENT?

ALEKS PPL is an online, adaptive system that covers a broad spectrum of math topics.

You will see some, but not all, of the math you have learned in high school. It is a Placement Assessment, not a preview of math courses at EMU. It is designed to identify if you are prepared for a particular course. After you take your first Placement Assessment, you will have the opportunity to review and master additional topics to reassess and improve your placement.

TOPICS TO STUDY

Real numbers, including:

- fractions
- integers
- percentages

Equations and inequalities, including:

- linear equations
- linear inequalities
- systems of linear equations
- quadratic equations

Linear and quadratic functions, including:

- graphs and functions
 - linear functions
 - parabolas
- exponents and polynomials
 - integer exponents
 - polynomial arithmetic
 - factoring
 - polynomial equations
- rational expressions
 - rational equations
 - rational functions

Radical expressions, including:

- higher roots
- rational exponents

Exponentials and logarithms, including:

- function composition
- inverse functions
- properties of logarithms
- logarithmic equations

Geometry and Trigonometry, including:

- perimeter
- area
- volume
- coordinate geometry
- trigonometric functions
 - identities
 - equations

Please feel free to contact Math Pathways Support with any questions:

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email: math_placement@emich.edu

call: 734.487.4474

