

What topics are covered during the ALEKS Math Placement Test?

The ALEKS Placement test is an online, adaptive system that covers a broad spectrum of topics. You may see all or only some of these topics. After completion of your first attempt, a dynamic learning path will be created. However, you may be given periodic knowledge checks to see if you are ready to skip some topics. As you progress through the preparation content, you will have the opportunity to improve your placement.

Topics covered:

- Real numbers (including fractions, integers, and percentages)
- Equations and inequalities (including linear equations, linear inequalities, systems of linear equations, and quadratic equations)
- Linear and quadratic functions (including graphs and functions, linear functions, and parabolas), exponents and polynomials (including integer exponents, polynomial arithmetic, factoring, and polynomial equations), rational expressions (including rational equations and rational functions)
- Radical expressions (including higher roots and rational exponents)
- Exponentials and logarithms (including function compositions and inverse functions, properties of logarithms, and logarithmic equations)
- Geometry and trigonometry (including perimeter, area, and volume, coordinate geometry, trigonometric functions, and identities and equations).