

High School Algebra Playlist: Solving Simple Equations

Aligns with [CCSS.Math.Content.HSA.REI.A.1](#): Explain each step in solving a simple equation as following from the equality of numbers asserted at the previous step, starting from the assumption that the original equation has a solution. Construct a viable argument to justify a solution method.

Related Standards

- [CCSS.Math.Content.HSA.REI.B.3](#): Solve linear equations and inequalities in one variable, including equations with coefficients represented by letters.

PREVIEW



Objectives

In this playlist, you will learn and practice the following skills:

- Explain the steps in solving simple equations
- Construct a viable argument to justify a solution method

Let's get started!

Key Terms

- The **order of operations** is a set of rules that define which operations to perform first, second, etc.
- The **properties of equality** are rules that allow you to manipulate and solve equations.
- An **inverse operation** is an operation that reverses the effect of another operation.

Connections

- <https://openstaxcollege.org/textbooks/algebra-and-trigonometry>; section 2.2, about page 129

PREVIEW

