High School Algebra Playlist: Rearranging Formulas

Aligns with CCSS.Math.Content.HSA.CED.A.4: Rearrange formulas to highlight a quantity of interest, using the same reasoning as in solving equations. *For example, rearrange Ohm's law V = IR to highlight resistance R.*

Related Standards

- 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.

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

Objectives

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

- rearrange formulas to highlight a quantity of interest

- solve literal equations

Let's get started!

Key Terms

- A **literal equation** is an equation with more than one variable.

- A **formula** is an equation that shows the relationship among various quantities.