

8th Grade Algebra

Module X: Solving Equations for One Variable in Terms of the Others

Georgia Standard M8A1: Students will use algebra to represent, analyze, and solve problems. d) Solve equations involving several variables for one variable in terms of the others.

In this module we are going to learn to solve some equations, but for this week we are going to get rid of those annoying numbers.

I know you are jumping for joy right now! By the end of this week you will be able to solve a one or two step equation containing only variables. You will also be able to explain the process by creating a presentation.

The good news is there is not as much arithmetic to perform, but you have to understand how to solve and write the equations. To do this you must have a good grasp on the basic inverse operations. The additive inverse and multiplicative inverse will be reviewed in the first video tutorial followed by the tutorial where we will learn to solve basic one step equations, and finally a tutorial going over the process of solving a two step equation.

Things to do:

- View the video tutorials
- Read the discussion posting for the week, and leave a meaningful response to at least one other person. **(worth 10 points)**

- Complete the practice problems and submit your answers in the assignment section (**worth 10 points**)
- Complete your group presentations using Google Docs (**worth 40 points**)
- Take the module quiz (**worth 20 points**)

Total Points for Module X - 80 points