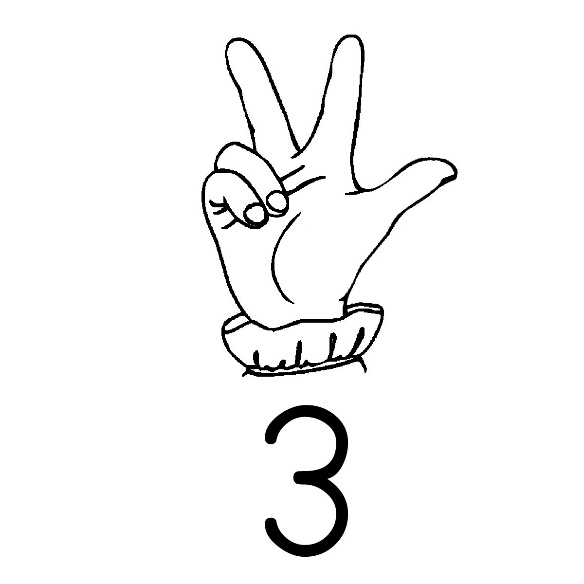
Unit 1 - Lesson 14

Three Equations, Three Unknowns

(Get ready to WRITE…a lot)



Learning Target:

I can solve a system of three equations and three unknowns algebraically.

1. Solve the following system of three equations in three unknowns:

4

1. Solve for a, b and c:

1. Solve the following system of equations:

4

1. The **University of Georgia** and **Florida State University** scored a total of 39 points during the 2003 Sugar Bowl. The points came from a total of 11 different scoring plays, which were a combination of touchdowns, extra-point kicks, and field goals, worth 6, 1, and 3 points respectively. The same number of touchdowns and field goals were scored. How many touchdowns, extra-point kicks, and field goals were scored during the game?

Write and solve a system of 3 equations in 3 unknowns. Be sure to define each variable.



***Homework 1 – 14***

1. 2)