

System of Equations 3 equations and 3 unknowns

Equation 1

Equation 2

Equation 3

Step 1 Eliminate 1 Variable

Equation 1

Equation 2

Step 2 Eliminate the same variable in step #1

Equation 3

You can use either Equation 1 or 2

New Equation from step 1

New Equation from step 2

Solve for both variables using Chapter 3-2

Substitute both variables in one of the original equations to find the third variable. Your answer should look like this (X , Y , Z)

(, ,)