

Topic 3 // Lesson 2

O: to solve a system of equations using substitution

Steps for Substitution

1. Solve for a variable
2. Substitute into the other equation
3. Solve
4. Substitute found value into one of the equations

Ex1. $y = x + 2$
 $x + y = 6$

Ex2. $y = 2x - 1$
 $3x + 2y = 26$

Ex3. $y - 8x = 1$
 $2x + y = 6$