

4 steps to solving a linear system using SUBSTITUTION:

STEP 1:	Solve one of the <u>equations</u> for one of its <u>variables</u> .
STEP 2:	Substitute the <u>expression</u> from Step 1 into the other <u>equation</u> and solve for the other <u>variable</u> .
STEP 3:	Substitute the value from Step 2 into one of the original <u>equations</u> and solve for the remaining <u>variable</u>
STEP 4:	<u>° Check</u> your <u>° solutions</u> in each of the original equations.



4. y=x+6 x+y=16

5. x = 3γ x - 2γ = -25

