

Correct. Substitute $4y - 9$ for x in the second equation: $8(4y - 9) - 3y = -43$

Simplify: $32y - 72 - 3y = -43$ or $29y - 72 = -43$

Solve for y : $29y = 29$, $y = 1$

Substitute this value for y back into the first equation: $x = 4(1) - 9 = -5$