



Solving Systems of Equations by Substitution

Step 1: Isolate one of the variables

Step 2: Substitute the expression from Step 1 into the OTHER equation

Step 3: Solve the new equation

Step 4: Substitute the answer from Step 3 into either of the original equations and solve

Step 5: Write your answer as an ordered pair.

y=2x-1 y=2(4)-1 y=8-1 y = 2x - 13x + 2y = 263x+2(2x-1) = 263x+4x-2 = 267x-3=29 $\frac{7\chi}{7} = \frac{28}{7}$ $\chi = 4$ (4,7)



3x - 2y = 4x + 3y = 5x+3y=5 χ+3(ī)= 1+3= 1=4 <u>م</u>ا $\chi = 2$ i AV = 15 íly+15=4 (2, 1)lly=



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