Warm Up Week 5

Solve by Substitution

$x = (2y - 7)$ → $x = 2(3) - 7$ $(-1, 3)$ x, y

$x = 6 - 7$

$x = -1$

$2x + 3y = 7$

$2(2y - 7) + 3y = 7$

$4y - 14 + 3y = 7$

$7y - 14 = 7$

$+14 \quad +14$

$\frac{7y}{7} = \frac{21}{7}$

$y = 3$

$-1 = 2(3) - 7$

$-1 = -1$ ✓

$2(-1) + 3(3) = 7$

$7 = 7$ ✓

∴ yes, $(-1, 3)$ is soln

Homework Questions?

Are you the solution?

7.2 More Notes

(on Doc Cam)

7.2 Homework

7.2 Solving Systems of Equations by Substitution wkst #1-16

(x, y)

(m, n)