3.2 Review - Warm - up

4. Solve the linear system by Substitution.

$x = y - 2$

$x - 3y = -14$

$(y - 2) - 3y = -14$

$-2y - 2 = -14$

$+2 \quad +2$

$-2y = -12$

$\frac{-2y}{-2} = \frac{-12}{-2}$

$y = 6$

$x = y - 2$

$x = 6 - 2$

$x = 4$

$(4, 6)$

5. Solve the linear system by Substitution.

$y = x - 3$

$x - y = -14$

$x - (x - 3) = -14$

$x - x + 3 = -14$

$3 \neq -14$

No Solution