

Substitute 5 for x and 4 for y.

$$2(5) - 4(4) = -6 \quad 4 = 5 + 1$$

$$10 - 16 = -6 \quad 4 = 6 \text{ False}$$

$$-6 = -6 \text{ True}$$

For the ordered pair to be a solution to the system, it must make both equations true. It is not a solution.