

Substitute  $2x + 5$  for  $y$  in the second equation:  $2(2x + 5) - 4x = 11$

Simplify:  $4x + 10 - 4x = 11$  or  $10 = 11$

Both equations being true would imply that  $10 = 11$ . Since this is false, you cannot find numbers that make both equations true. In other words, the system does not have a solution.