12.1.29 If I multiply both sides of the first equation by 2 and simplify, then I get the second equation, so these equations are redundant. If I solve the first equation for x, then

$$x = 4 - 2y,$$

and that's all that can be said.

12.1.45 Multiply the last equation by -1 and add all of them together to get $0 = 3$. This is false, so the equations are inconsistent; there is **no solution**.