1. Find the minimum value of $f(x,y) = x^2 + 2y^2 - xy$ subject to the constraint $2x + y = 22$.

Q: A bus driver was heading down a street in Walnut. He went right past a stop sign without stopping, went the wrong way on a one-way street, and then went on the left side of the road past a cop car. The cop did nothing, because he didn't break any traffic laws. Why not?