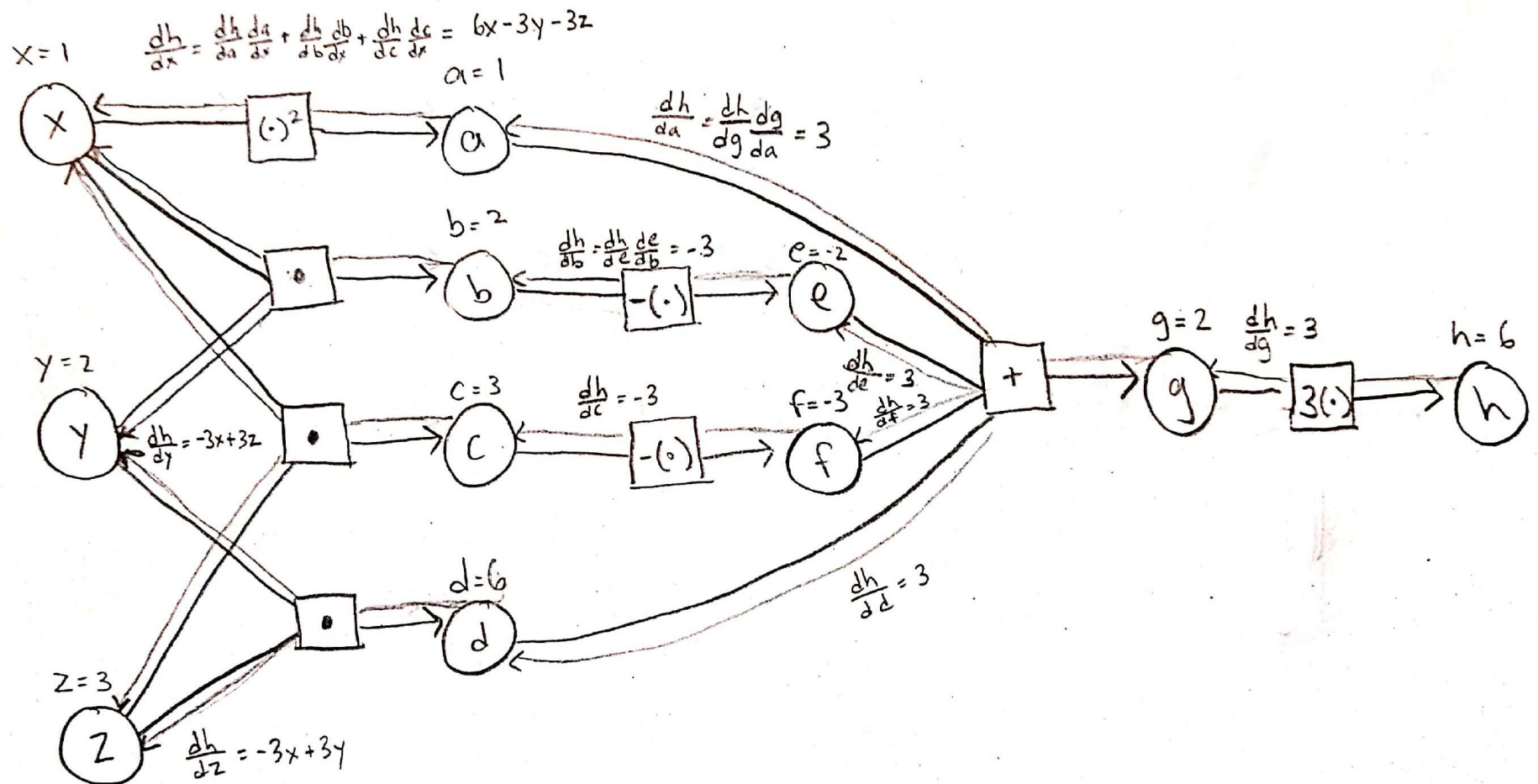


$$f(x, y, z) = 3(x-y)(x-z)$$



$$\nabla f(1, 2, 3) = (-9, 6, 3)$$