







10. f(x) = x = +x = 1 a. (f . 9) (x) = f (9(x)) = f (-4x-1) = (-4x-1)2+2=16x2+8x+3 6. $(9°f)(x) = 9(f(x)) = 9(x^{2}+2) = -4(x^{2}+2)-1 = -4x^{2}-9$ C. (f of) (X) = f(f(X)) = f(X2+2) = (X2+2)2+2 = (X2+2) d. (909)(x) = 9(9(x)) = 9 (-4x-1) = -4(-4x-1)-1=16x+3