1. (a)  $\int (x) = \cos(3x) + \tan(2x) + e^{x} + \ln |1 - 2x|$ ,  $\int \sin(3x) \cdot 3 + \sec^{2}(2x) + e^{x} + \frac{-2}{1 - 2x}$ 1'(x) 2 JAN-5 + JAN-5 . 5 1(x) 2 JAN-5 + JAN-5 . 5 = 5/NJX-5 + JTX-5 2 JX-5 + JXX-5 J JXX-5 J(X)= J(N)-5X-5 + JXX-5 J JXX-5 2 JXX-8 1 2X-2 J JXX-5 116) = [5/N/25 + J25] . J35 25/25 12-2] . J35 116) = [5/N/25 + 5] . 55 = [ln] + +7 . 5" ~ 4011.25.