18 1 5 1 7 4 . COSY = SIN'Y 105X + COSX'S, 2 V = 000 - 510 'COSY. 2.(12.12x+1)3)= 312(2x+1)2 1 0 x 3. NSIN2(In (43)) = 4 (In (43)) zsintra(x3)) - 1 .8x2 = X Sin (In(v3)) 4-14 = 4v3/nx, - x3 - 4x3 - 53 1n(x) = 4x3 - 53 1n(x) 2) f(x)= cos(x2+ 3x) x= 157 E'(X) = 8/2 (V2+3X)(2X+3) F'171) = Sin 1411) (2V17+3) = 0 3) F(x) = x3-x2-x-1 1+2x+3x2-4x5/000 K1/x1=(3x2-2x-1)(1+2x+3x2-4x3)-(2+6x-12x3)(x2-x-1) (1+7x+3x2-4x3)= F'(0) = -1.1 - 2:-1 =1 F(X) = 837 · ln X, X = 1 E'(X) = 6X X X F'(1) = 137