HW 2 4 f(x) = 27x4+162x3-180x2 +62x-7 HAS BEND @ 4 & (x) = 27 x + 162x -180x + 62x -7 DO 10 NEWT ST.S P. = x. = Ø X 2 = - 7 - 27(2) + 112(2) - 180(2) + (2(2) -7) - 100(2) + (2(2) -7) - 100(2) + (2) 5(1) - 1 X . + 1 = X . - f (x .) $x_1 = x_2 - \frac{5(x_2)}{5(x_2)}$ $\frac{5(x_1)}{5(x_2)} = \frac{5(x_2)}{110x^3 + 490x^2 - 360x + 62}$