h = 0 (0) + 00 question (1)a AGO = 0/00 +00. to find oolo; ang mino & (y(i) - (00+0, xis)2. Taking partial derivates. 00 = 2 yci) - 0,xci) 0, = = x (i) (y (i) - 00) - (b) m=5 -00= (2+20, +4-20, +8-30, +11-501+17-401) 00=(42-120)/5 500+120,=42 -0 Putting (x', y') in (b) $0_1 = -2x(2-00) + 2(4-00) + 3(8-00)$ + 5(11-00) + 4(17-00) 4+4+9+25+16

200+ 580, 2151 - 0 500 + 120, 242. - 0 1200+ 580, 2151 1200 + 14401 + 100.8 -8 1200 + 580, -151. -29.20, 2 - 56.2 251.29 y = \$1.29 + 1.72x Q018 1511 - 58x1.72 P.MX18-127. 3.6825 > 4.27