$$F_{m}(m,b) = -2\left(\frac{e^{\sum_{i=1}^{n}x_{i}^{2}}}{e^{\sum_{i=1}^{n}x_{i}^{2}}}\right) - 2\left(\frac{e^{\sum_{i=1}^{n}x_{i}^{2}}}{e^{\sum_{i=1}^{n}x_{i}^{2}}}\right) + 2\left(\frac{e^{\sum_{i=1}^{n}x_{i}^{2}}}{e^{\sum_{i=1}^{n}x_{i}^{2}}}\right)$$

$$F_b(m,b) = -2(\sum_{i=1}^{n} x_i) - 2(\sum_{i=1}^{n} x_i) + 2(\sum_{i=1}^{n} y_i) = 0$$

a)

х	1	2	3	4
у	1	3	4	3

$$F_{m(m,b)} = -2(30)m - 2(10)b + 2(31) \Rightarrow 60m + 20b = 62$$

$$F_b(m,b) = -2(10)m - 2(4)b + 2(11) \Rightarrow -3/20m + 8b = 22$$

60m+20b=62

х	1	2	3	4	5
y	2	3	3	2	3

$$F_{m}(m,b) = -2(65)m - 2(15)b + 2(60) = 130m + 30b = 80$$

$$F_b(m,b) = -2(15)m - 2(5)b + 2(13)$$
 => -3/30m + 10b = 26

$$\frac{-90m - 30b = -78}{40m = 2}$$