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	X100	y a
V6/3	SEFE IMO (10)	price(y)
Batch 1	1180	221900
	2570	F38000

* I ** * * * * * * * * * * * * * * * *		
	59-11V1-9(x)	parce (y)
Batch 2	770	180000
	1960	66 4000

200

calculating gradient with respect to m, c.

$$\frac{\partial E}{\partial m} = \frac{-1}{65} \sum_{i=1}^{65} \left[\left(y_i^a - mn_i^a - c \right) \left(x_i^a \right)^5 \right]$$

$$= -\frac{1}{2} \sum_{i=1}^{2} \left[(y_i^{a} - mx_i^{a} - c) (x_i^{a}) \right]$$

$$\frac{\partial \mathcal{E}}{\partial L} = -\frac{1}{25} \sum_{j=1}^{3} (3j^{2} - mni)^{2} - c)$$

$$= -\frac{1}{2} (223081 + 544) (771)$$

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