	nercise 1					
0 3.)	a=	2, b=	4. H2) 2 a (1+	x)"+bx
	n,	nı	m ₃	ny	m ₅	n 4
Value ni		3	2	18	8	26
parent (ni)		1m33	1 7 7	{mc}	{n63	1 7
Derivative $\frac{\partial f}{\partial n_i}$	2 anz+b	2.a.n.	a	1		1
()	η, = χ η ₂ 1+η	1, = 3				
	n ₂ = n ₂ n ₄ = α.1	13 = 18			1	
		n = 8				
b)	of -	dne.	. 1	parent (no		(: f= n1)
	df =	dns =	a(ny+ns	0+1=	parent(ms) = { n 2}
	df. d	ine : dw	4 dns	d(ny+nr)	1+0=1 paren	t (ny) = {n,}
dni	dnc = dnc =	dry dry	1. a=	a = 2	prand	(n3) = {ny/mg
df.	- ding.	dny dns	1.0.2	$2 \cdot n_2 = 2a \cdot n_2$ $4 \cdot n_2 = 12$	paren	(n2).{n,}
df In	- dre	anc a	2. 2. 2 + 1			
of on	ans.	dn,	Inc. dns	= 12.1+ pa	1.b= 12+ rent (n,)	\{n_,n_\}

