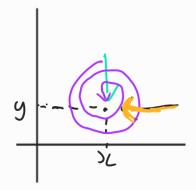
$$\frac{\int y}{\int x} = V\chi^{V-1}(e\chi) + (\chi\chi) = \chi^{2} + (\chi\chi) = \chi\chi$$

상비불. 변수가 고하나만 있는 미블

전이트: 변수가 여러개인 미분

(C) 子配は (X+DX, Y+DX) -> (X, Y) 利何者 不能用



어러 정군 방빈 존재

$$\frac{\partial f(x,y)}{\partial x} = \lim_{\Delta x \to 0} \frac{\Delta x}{\Delta x} = \lim_{\Delta x \to 0} \frac{\partial x + 2y + 3DC}{\partial x + 2y + 3DC} = \frac{\partial x + 2y}{\partial x + 2y + 3DC}$$

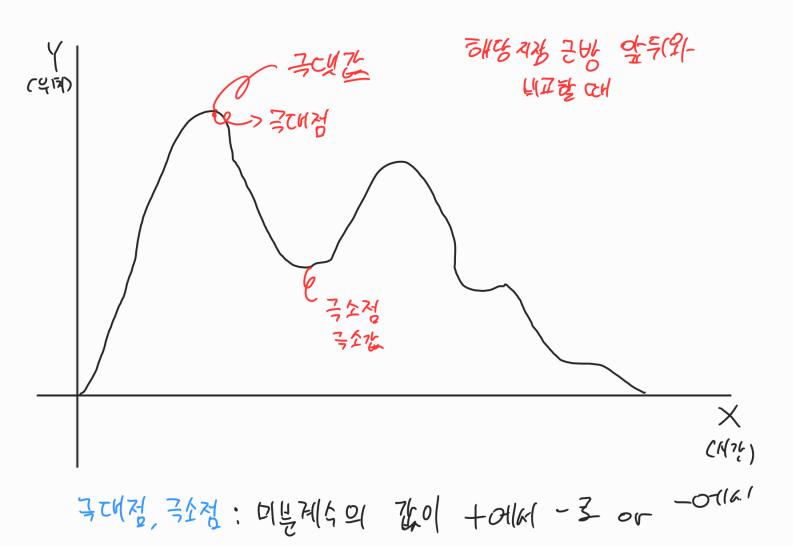
$$\frac{39}{39} \times \frac{3}{2} \times \frac{$$

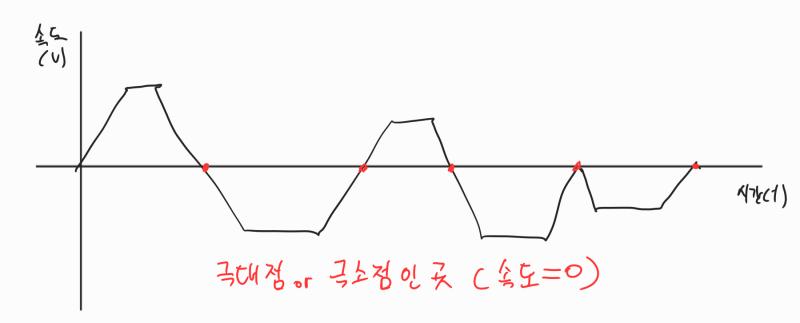
० मिल्राह वास्टर होता

 $\frac{\partial f(x,y)}{\partial x} = f_{x}(x,y) \qquad \frac{\partial f(x,y)}{\partial y} = f_{y}(x,y)$   $\frac{\partial f(x,y)}{\partial y} = f_{y}(x,y)$ 

$$f(x,y) = 3x^2 + 9x + 3y^3$$

$$\frac{\partial(x,y)}{\partial x} = 6x + 5y$$





+3 61716 212

$$g(x) = x^3 - 3x^2 + 4 (-0.5 \le x = 2.5)$$
  
 $x^3 - 3x^2 + 4$ 

일레 함수			一つ元至内包
对对分		xr	r2-1
ストラート		ex, exp(x)	erpa)
		arc	o loyed
まこる6つ		logex (x>0)	
	4ન	Sinx	COSIC
体沙部分	코사인	(05 x	-Sinx
	Etzile	taux	