







(e.g.)	Find we lative $m\alpha x/min$ of the function: $f(x) = \frac{9}{x} + x$
	$f'(x) = \frac{9}{x} + x$
Sof	$f'(x) = -\frac{9}{x^2} + 1$ . So, $f'(x) = 0$ at $x = 3, -3$ .
	at f has
ar.	$f''(x) = 0 \frac{18}{x^3}$ $\frac{1}{3}$ $\frac{1}{3}$ $\frac{1}{5}$ $\frac{1}{50}$
	min with value
40	<del>f(3)-6</del>
	f"(-3) (0. So, x = -30, a local. max. with value -6.
	max. with value -6.
The last	
The later	First-Derivative Test is stronger than Ind derivative Test
TO THE	e.g. $f(x) = x^{2/3}$ . Ind-desirative test can't be applied 11
	applied 11
No. of Street, or other Persons and the Person	//- *•