





reverse o and Ti, then Dx in the

Riemann 8um changes from 40d0 = - Sin 40d0. Thus the answer to the quotion $S - 3\pi/8$

Compute. Riemann rums. Lin らって CHK "

	Suppose $f(x) > 0$: $y = f(x)$
	Then clearly: a Sf(x)dx >0.
	since the LHS is just an area, and areas are positive
EX.	Venfy that Stx-4x+4)dx>0
	without evaluating the ategral.
212	$\int (x^2-4x+4)dx = \int (x-2)^2 dx$
	But (x-2) 20
	$=\int_{0}^{4} \int_{0}^{4} (x-t)^{2} dx > 0$

ie