

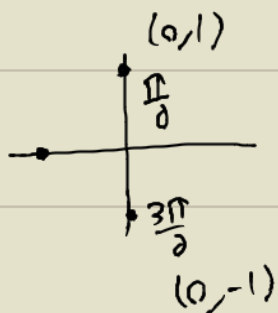
5. $f(x) = 5 - \sin x$

① $f'(x) = -\cos x$

② $-\cos x = 0$

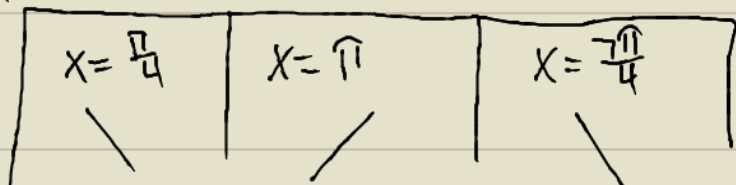
$\cos x = 0$

$x = \frac{\pi}{2}, x = \frac{3\pi}{2}$



③

$x=0$ $x = \frac{\pi}{2}$ $x = \frac{3\pi}{2}$ $x = 2\pi$



DEC $(0, \frac{\pi}{2})$
INC $(\frac{\pi}{2}, \frac{3\pi}{2})$
DEC $(\frac{3\pi}{2}, 2\pi)$