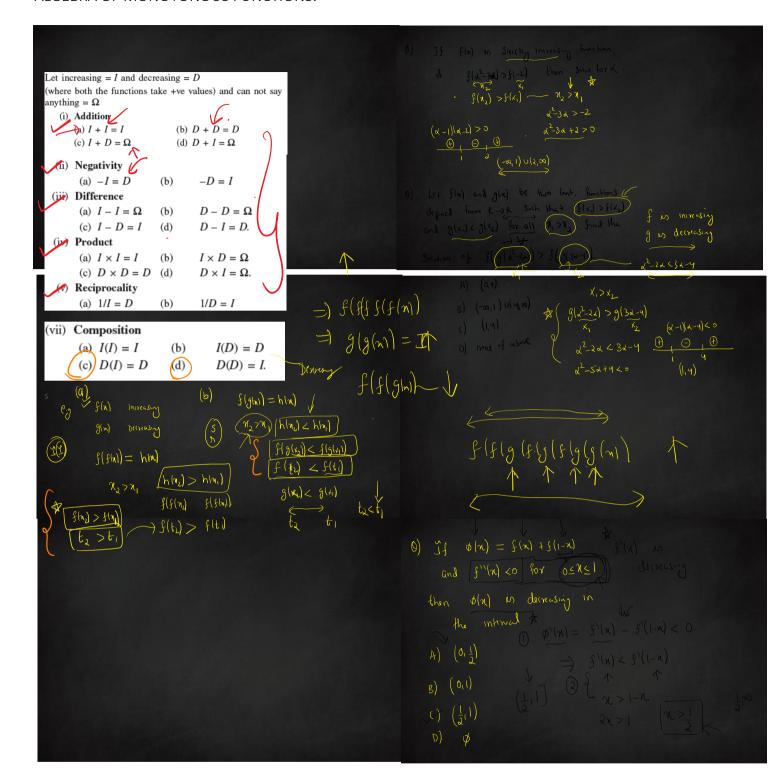
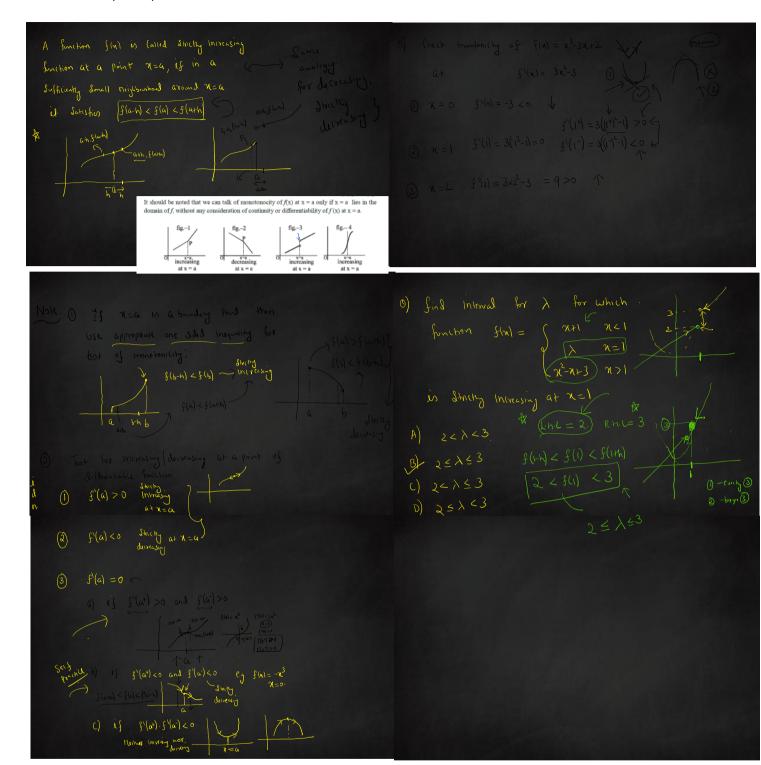
ALGEBRA OF MONOTONOUS FUNCTIONS:





Screen clipping taken: 27-08-2020 16:48

Monotonicity at a point:



Use of monotonicity to prove inequalities:

the comparing of two functions $f(x)$ and $g(x)$ e.g. (an be done by analysing the monotonic behaviour of another function $h(x) = f(x) - g(x)$. eg Sinx $< x$ in $(0, T)$ $h(x) = Sinx - x$. $h(x) = Sinx - x$. $h(x) = (0, T) - x$.	NKtann (O.T.) hlnl = N-tann hlnl \lambda hlnl \lambda hlnl \lambda hlnl \lambda n-tanne n-tanne
find the monotonic behaviour of find = x/x and explain which is grant or e ^T . [100 08 10 00	