Overneus

Calculus mainly the study of functions
- rates of change (derivatives)
- aveas under graphs (integral)

st t(x)

rate of change described by

how much change in y
per change in x

 $\frac{\Delta y}{\Delta x} = \frac{rise}{run} = slope.$

? 9

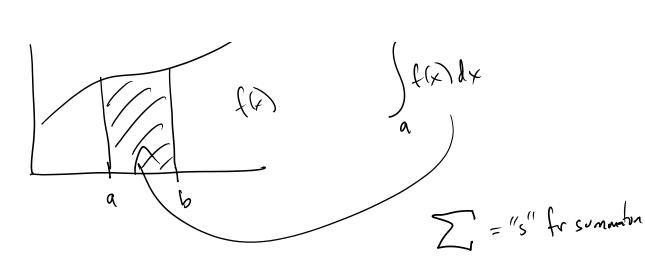
In practive:

get lots of equs involve

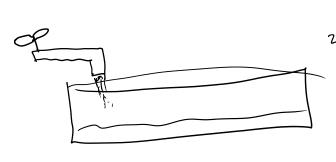
rates of drange - "Differential Equations"

Areas under corns

b (f(x)dx



Fundamental theorem of calculus



20ce/ac ul

