## Day 2 on 3.3

I. Condense the expression to a single quantity.

Ex 1) $1 / 2 \log _{10} x+3 \log _{10}(x+1)$
$=\log _{c 0} x^{\frac{1}{2}}+\log _{10}(x+1)^{3}$
$=\log _{10} x^{1}(x+133$
$=\log _{10} x^{\frac{1}{2}} \cdot(x+1)^{3}$
$9 . \sqrt{x}(x+1)^{3}$



