HW: Pg 233 1c,11,17 Pq 243 5,9,13,25,27,34b(don't cheat!)

()
$$y'=2+\omega s x$$

17) $y=3x^{3}-5$ $y''=\frac{x+5}{3}$
 $X=3y''-5$ $Y=\sqrt[3]{x+5}$
 $x+5=3y''$

5) a)
$$2^{x}=16$$
 (4)
b) $y=\log_{2}(\frac{1}{32})$
 $2^{x}=\frac{1}{32}$ $y=-5$
c) 1
d) $\frac{1}{2}$ "9 to what power = 3"?

9) lu a² y bc
a) lu a² y bu y bc
2 lu a + z lu b c
2 lu a + z lu b + z lu (

13) 4 ly 2 - log 3 + log 16
log 16 - log 3 + log 16
2 log 16 - log 3
log 256 - log 3
log 256

25) $\ln(\frac{1}{4}) + \ln(2x^{3}) = \ln 3$ $-\ln x + \ln 2 + \ln x^{3} = \ln 3$ $-\ln x + \ln 2 + \ln x = \ln 3$ $-\ln x + \ln 2 = \ln 3$ $-\ln x = \frac{\ln 3 - \ln 2}{\ln x}$ $-\ln x = \frac{1}{4} \ln \frac{2}{4}$ $-\ln x = \frac{1}{4} \ln \frac{2}{4}$ $-\ln x = \frac{1}{4} \ln \frac{2}{4}$

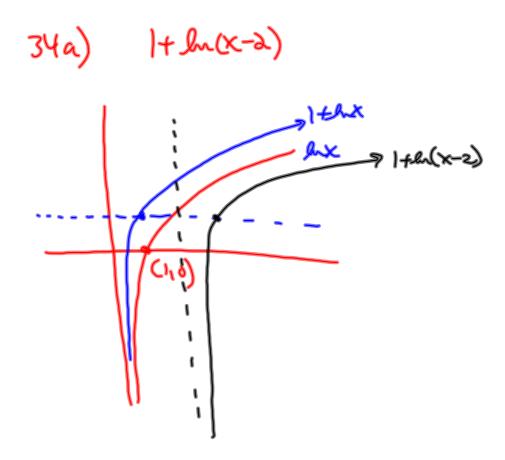
$$5^{-2x} = 3$$

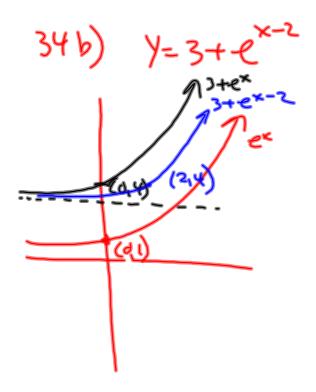
$$h 5^{-2x} = Jh 3$$

$$-2x lu 5 = Jh 3$$

$$-2x = \frac{Jh 3}{3h 5}$$

$$x = \frac{lh 3}{3h 5} = -\frac{lh 3}{3h 25}$$





fex)=3+ex-h f(x-h)=3+ex-h h=2