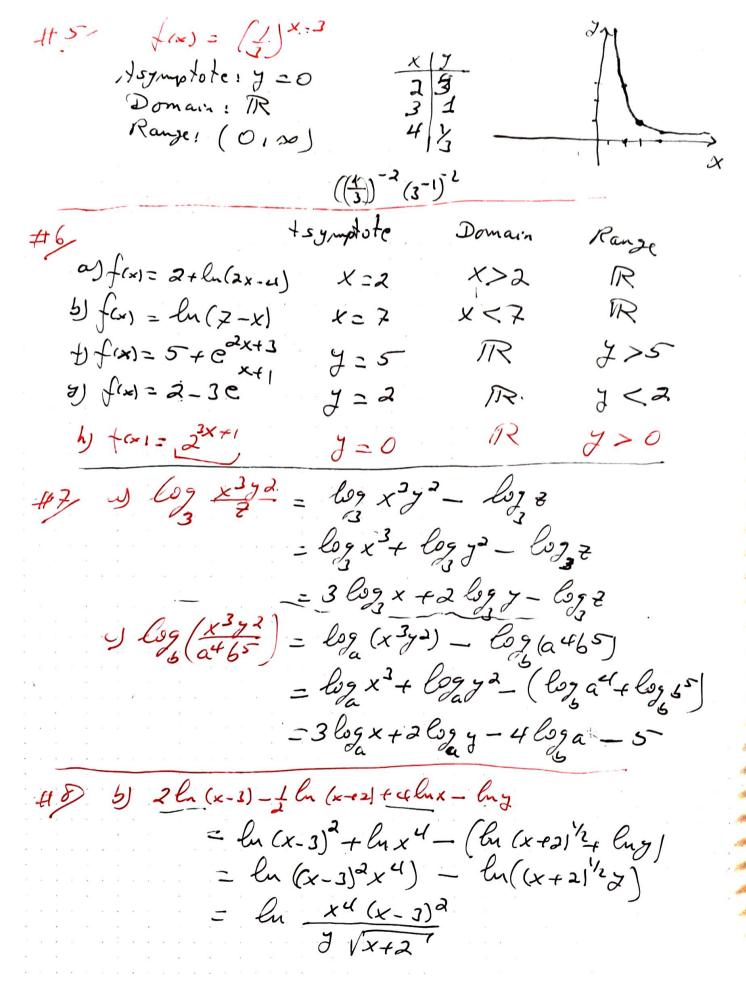
Lecture 3 Review

Y e)
$$G = \begin{cases} (-2, 3), (-2, 1), (-2, 4), (0, 2) \end{cases}$$

invase held tom:
 $G = \begin{cases} (3, -2), (1, -2), (4, -2), (2, 0) \end{cases}$
 $f(x) = \frac{2x+3}{4x-5}$ (1-1)
a) $f(x) = \frac{2x+3}{4x-5}$
 $f(x) = \frac{2x+3}{4x-5}$
 $f(x) = \frac{2x+3}{4x-5}$
 $f(x) = \frac{2x+3}{4x-2} = f(x)$
b) Domain of $f(x) = Range f(x) : R - 1 = \frac{2}{3}$
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me = 1 En 1x+4 =1 1x+4 = e X+4=e2 X=02-41 y lu (x-3) = lu (7x-23) - lu (x+1) $\ln(x-3) = \ln \frac{7x-23}{x+1}$ $x-3 = \frac{7x-21}{x+1}$ $x^2 + x - 3x - 3 = 7x - 23$ $x^2 - 9x + 20 = 0$ X= 4,5 w log(x+2) + logx = 1 $\log_2(x+2)x) = 1$ $x^{2}-2x=3^{2}=3$ $x = \times 3$

3 Simplify

log 6 = 1