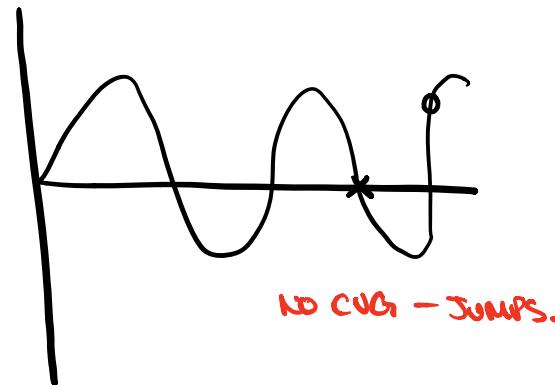
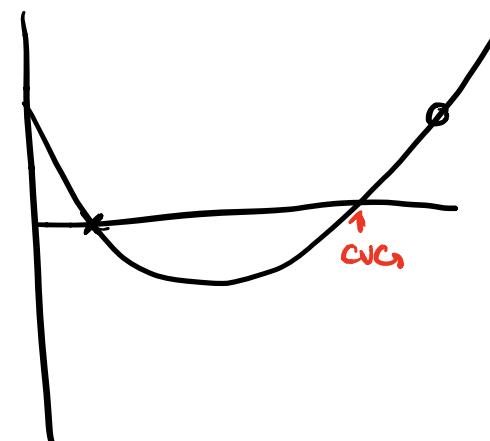
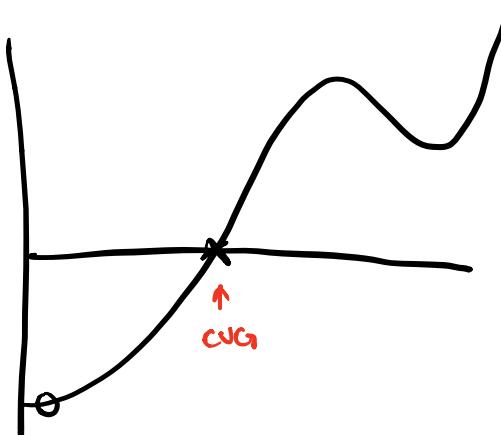
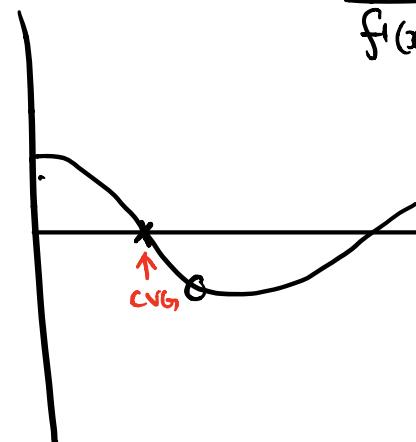
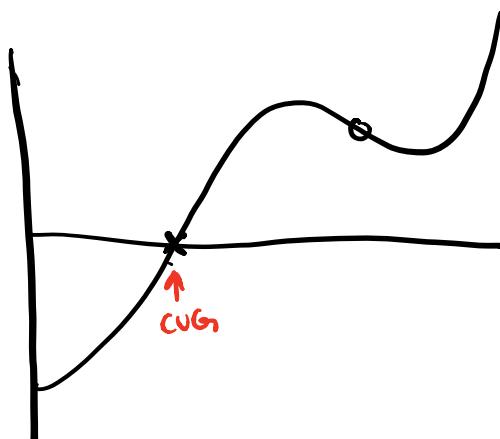


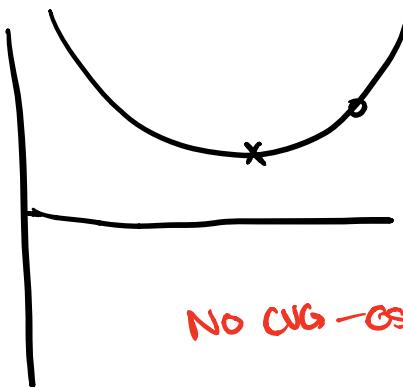
PROBLEM #1.

Which functions converge to the "x" from the starting point "0".

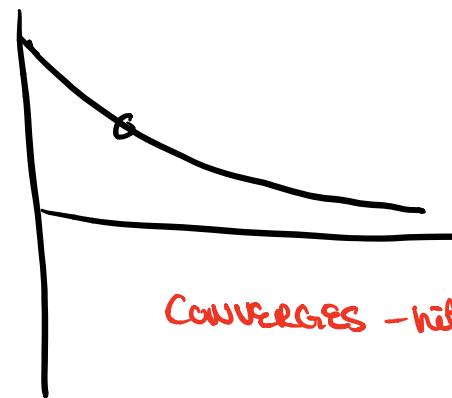
Newton-Raphson

$$x_{i+1} = x_i - \frac{f(x_i)}{f'(x_i)}$$

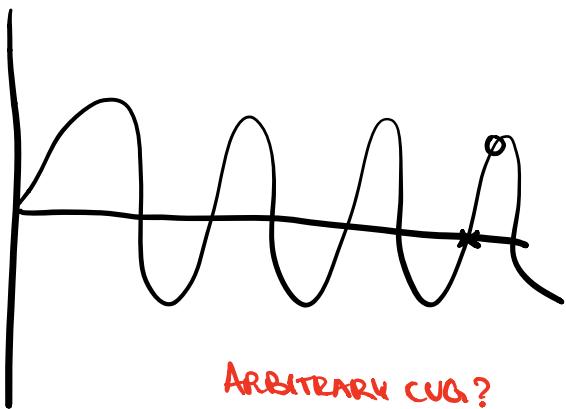




NO CUG - OSCILLATES.



Converges - hits limit



ARBITRARY CUG?

DING PONGS AROUND  
THE UNIT CIRCLE  
W- DECREASING, INC  
FROM INFINITY / INF.

