1b.
$$f(x) = 2x - 1$$

 $L = -5$ $\xi = 0.12$
 $\chi_0 = -2$

Fuel open ruteral about to where $|f(x)-c| \leq \epsilon$

substitute know volues of solve for X

$$|f(x)-(-5)| \ge 0.12$$

 $|2x-1+5| \le 0.12$
 $|2x+4| \le 0.12$

we need to renever the assolute votre by addition the bond on the left side

$$-0.12 \angle 2x + 4 \angle 0.12$$

$$-4.12 \angle 2x \angle -3.88$$

$$1 = \frac{4.12}{2} \angle 2x \angle -3.88$$

Solnj fer
$$8$$
 so that $|f(x)-L| \leq 0.12$ still holds- $2.0b-L=0.06$
 $2-1.94-0.06$