CONTINUITY PROBLEMS

ENEMADEO

lim f(x) soes Not excer.

3000000 lim f(x)=L.

Les E= 1. Surrosse 78>00

Two, 1000 les (8), ever (36)-(10).

pareneras, 10 Los fol,

 $f(x) = \frac{1}{2}$ ,  $f(x) = \frac{1}{2}$ .

1000 10 11-2 0-1 5 10-101 < 1

$$\lim_{n \to 2} \frac{x-1}{2^{n}} = \lim_{n \to 2} \frac{x+1}{(x+2)\pi n}$$

$$\lim_{n \to 2} \frac{x-1}{2^{n}} = \lim_{n \to 2} \frac{x+1}{(x+2)\pi n}$$

$$\lim_{n \to 2} \frac{x-1}{2^{n}} = \lim_{n \to 2} \frac{x+1}{2^{n}}$$

$$\lim_{n \to 2} \frac{x+1}{2^{n}} = \lim_{n \to 2} \frac{x+1}{2^{n}}$$

$$\lim_{n \to 2} \frac{x+1}{2^{n}} = \frac{3}{2^{n}}$$

$$\lim_{n \to 2} \frac{x+1$$

Suppose S(x) and S(x) are continuous for [a,b]. Let h(x)e more (S(x), g(x)).

16 h(x) be continuous of

Consider re (a, b).

Then

(c f(a) >g(a), we can been 83.4

f(x) >g(a) > or (n-S)+45), 80

12 haz lim /12=1(1)=1(1)

Expres 3(5)= 3(5) = 4(1).

Biven ezo,

coe non fina 3>0 s.4 1x-1/5