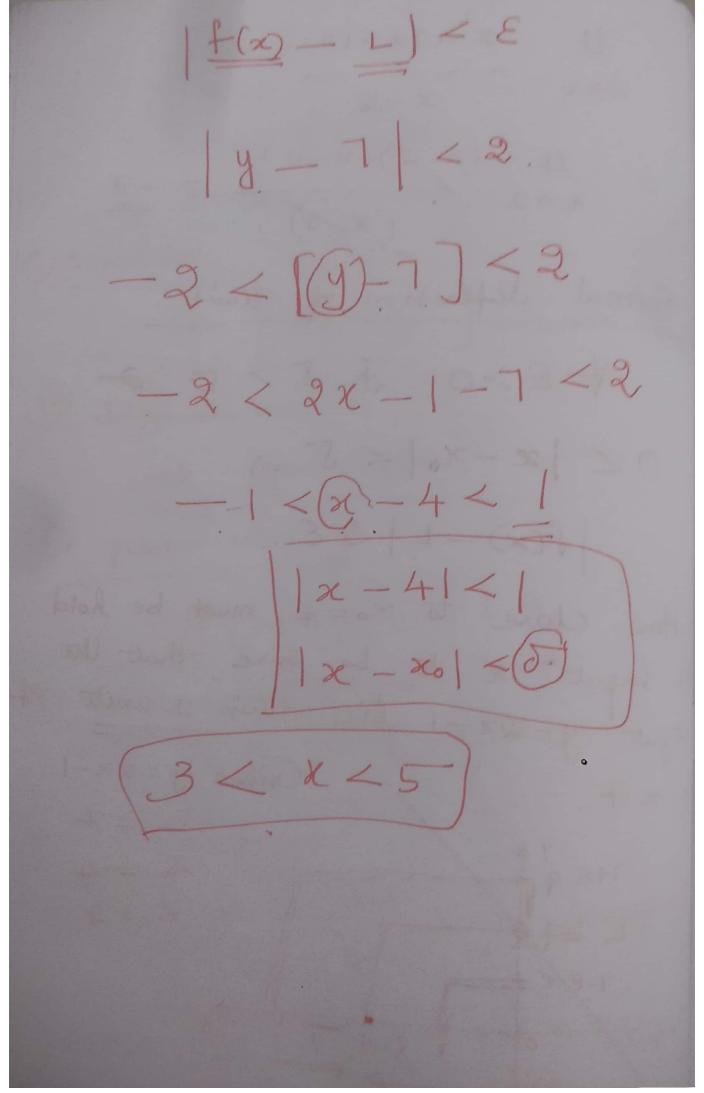


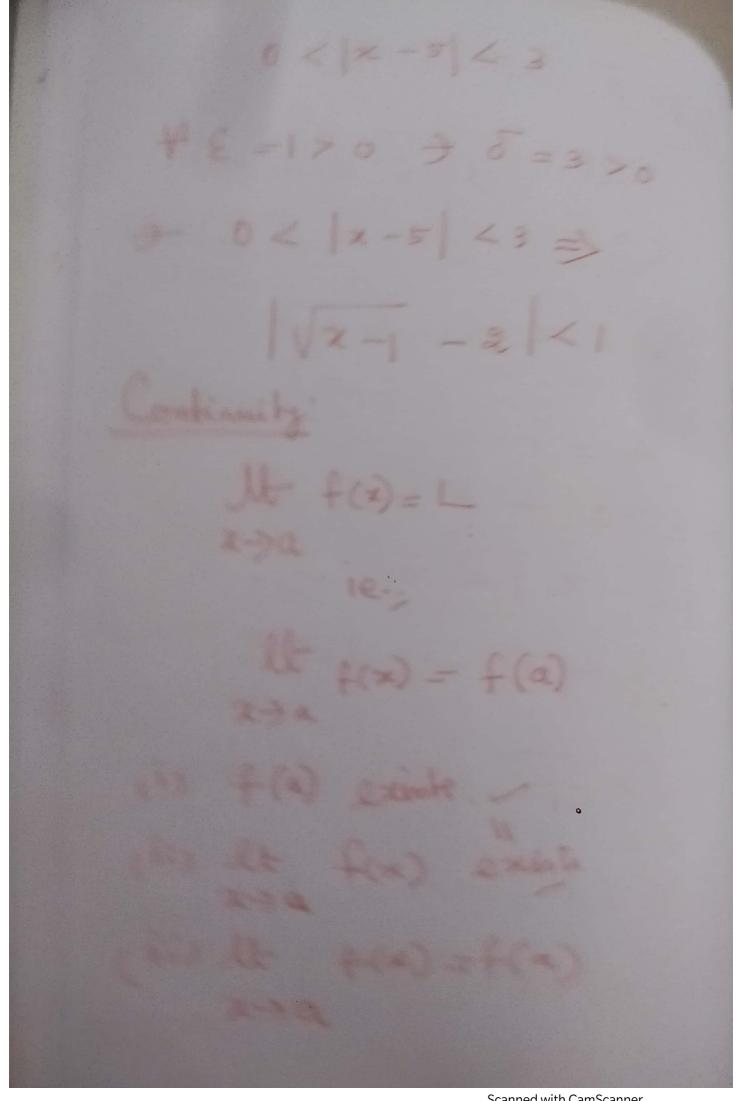
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11 x-1x+10 formal definition of limit. 4-8>0 F 8>0 3 0 4 2-20 48=) 1f(x)-L 4 E How close to xo=4 must be hold the input x to be some that the output y=2x-1 lies within 2 write of Given 4= 2x-1

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find of >0 for the limit It V2-1 = 2 within X>5 f(2)= Vx-1; L=2 4 E >0 J & >0 2 12-X0/25= 1 f(x) - L | L & Vx-1-2/41 -1452-1-21 $1 \quad \angle \quad \times -1 \quad \angle \quad 9 \quad \delta = \min(3,5)$ 1 2 VX-1 2 3 2 < 2 < 10 2-5-(2-5-(10-5



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