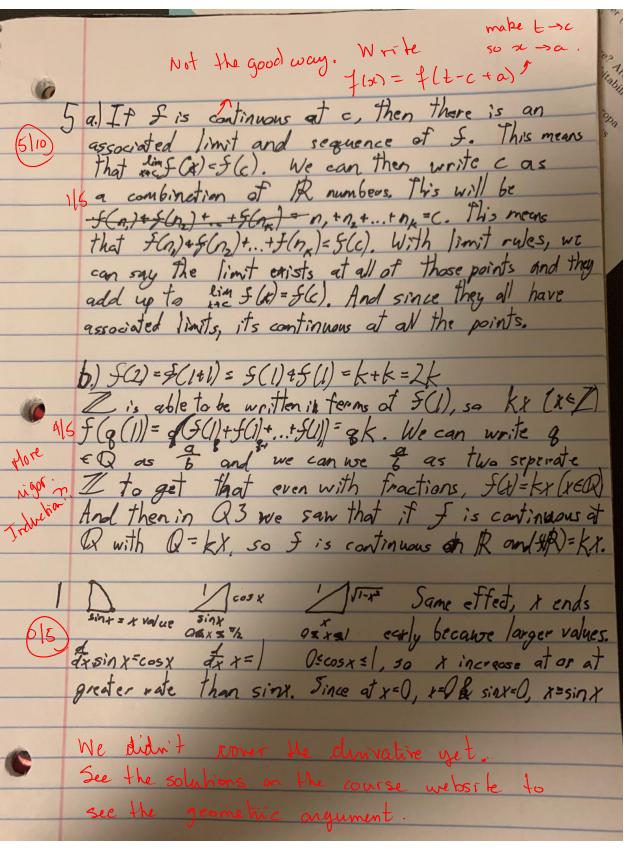
1	2	3	4	5	le	7	8	9	10	Total
0/5	3/5	1/5	5/5	5/10	6/10	4/5	1/5	415	9	38/70

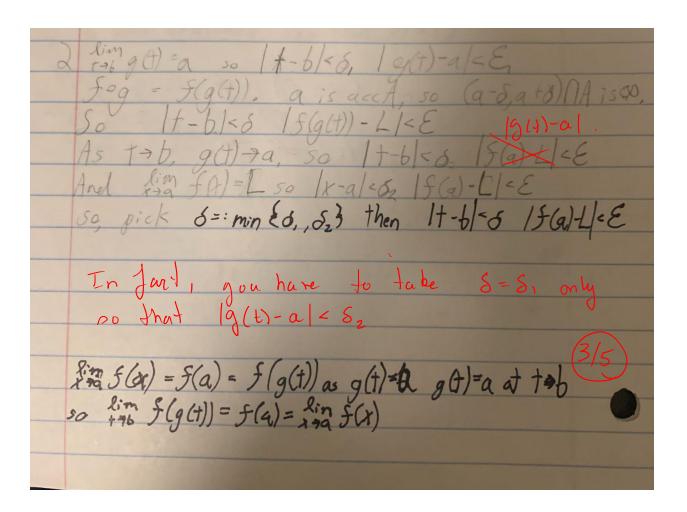


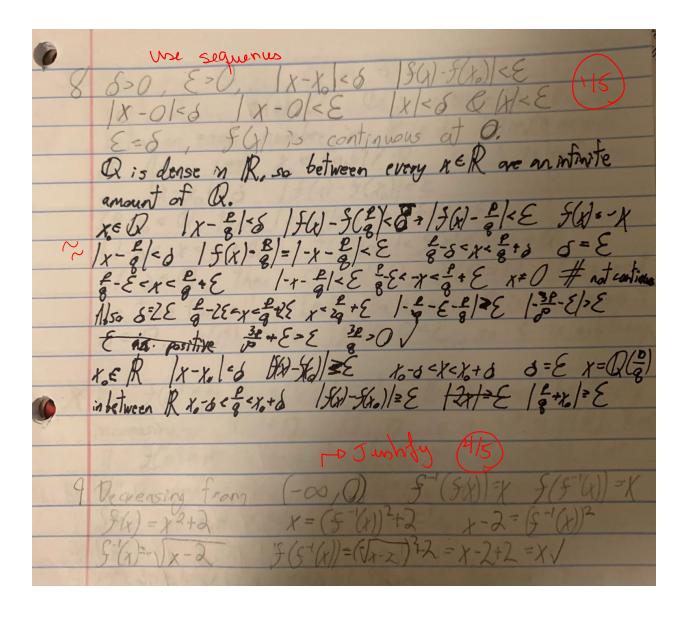
Use sequences. Take 20 -> 20 milh 20 & 8 (20)

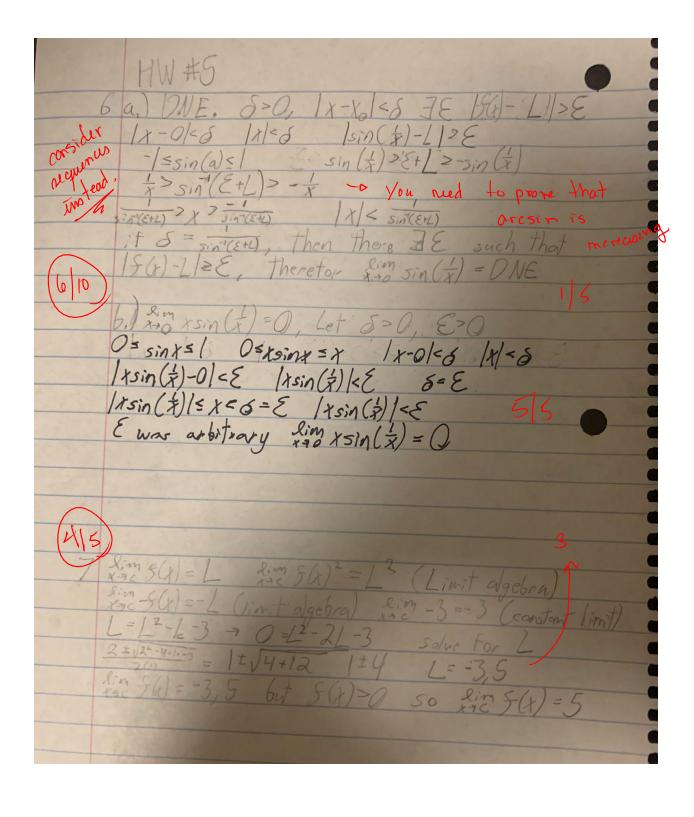
By continuity, flan = 0 -> flav) = 0

3 Continuous so X-x/6 / fla)-flas/E / 4 [a,b]

S. f. David (1) So if Q=x f(x)=0. Pis dense in R, so between each, number in Ris an infinite amount of Q. Let to E [a, 6] / Q, so f is continuous 50 |x-x0|-8 |f(x)-f(x)|-E If xo < Q, then 1x-Q/-8 - 1541/- E Q-0 < x < 0+Q f(Q-0) < 5(x) < 5(0+Q) If de Q, then O=f(x)=0, f(x)=0. This must be true for all x = [a,b] to ensure it is continuous it SEQ. With this ISAN= O-E, so E is arbitrary. If for $f(x) \ge p$ fixe [u,v], then [u,v] must be strictly increasing or $f(v) \ge p$. If p is in [f(a), f(b)], then if f(a) > p, there $f(a) \le f(a) \le f(a) \le f(a)$. Let $f(a) \le p$ and $f(a) \le p$ sums argument. Since $f(a) \le p$ and $f(a) \le p$ and $f(a) \le p$ sums argument. 4 It S(c) > 0 for c & [a,b], then if slatbook), then if n=0, then Eu, v] can be any interval in [a, b]. If either Sa, the Opr f(e), then we can pick the minimum value in [u,v], and the max in [u,v], and we know that there are values inbetween them w/ IVT and we can set of to be the minimum so that all numbers in [u, v] are = 17









loa) ax3+bx2+cx+d = x3(a+b/x+c/x2+d/x3) lim = x3(a+b+0+0) Prove that x = 200 x3a Let y=m x=x in A.f., m<nx m3<nx3 Let y=m x=x in A.f., m<nx m3<nx lim x3 Let y=m x=x in A.f., m<nx m3<nx lim x3 Let y=m x=x in A.f., m<nx m3<nx lim x3 Let y=m x=x in x3 Let y=x length x3 lim x3

 \vec{p}