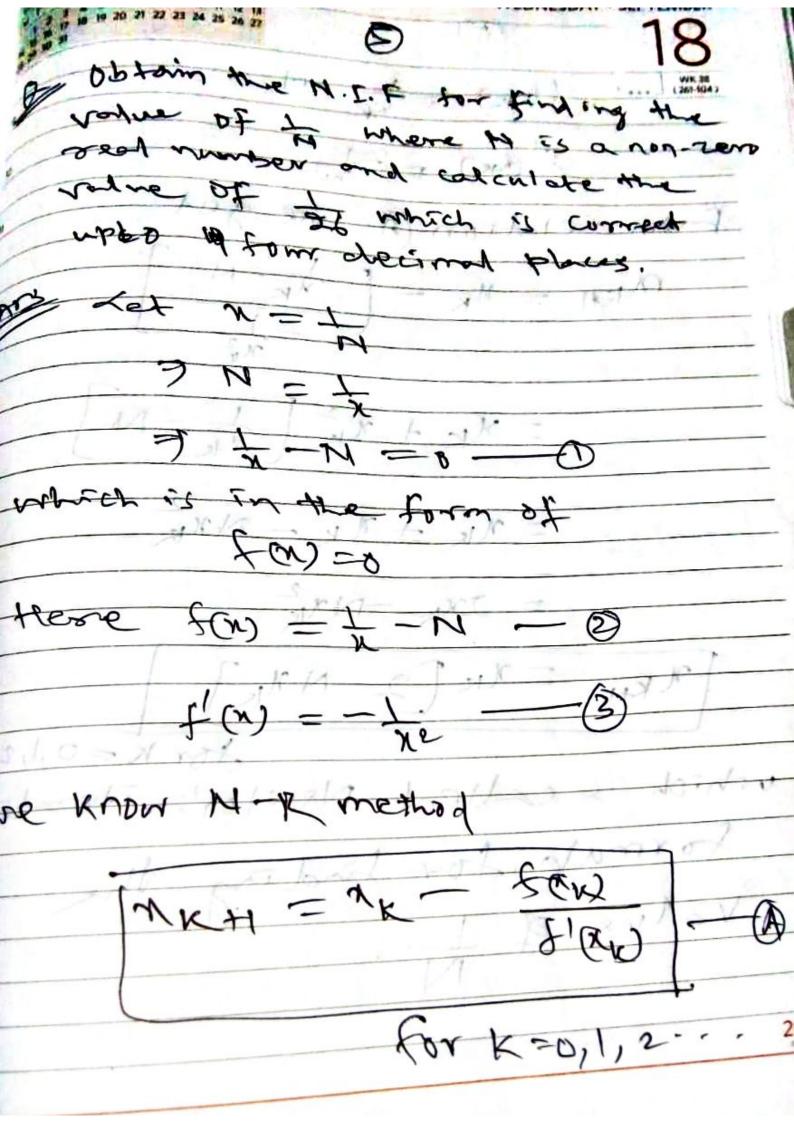
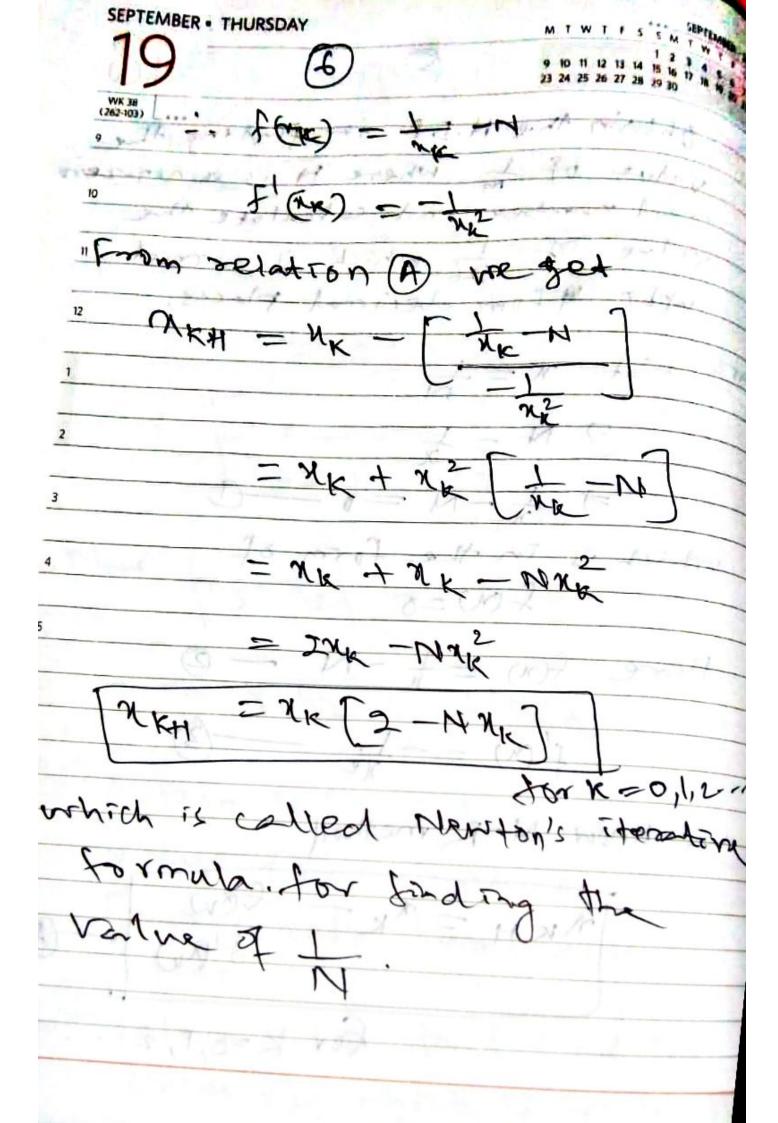
Newton's I terative formula Q Obtain Newton's Iterative formula for finding VN, where N is positive red numbers. Hence find the volue et 1145. soll det X = VN squaring both wider 12 = N 7 R2-N-0 which is in the form 5EN) = 10 Here f(n) = x2-N. re know N-R method 1 NKH = NK - SERN f (nn) for K =0, 1,2ffrx) = Nx -N

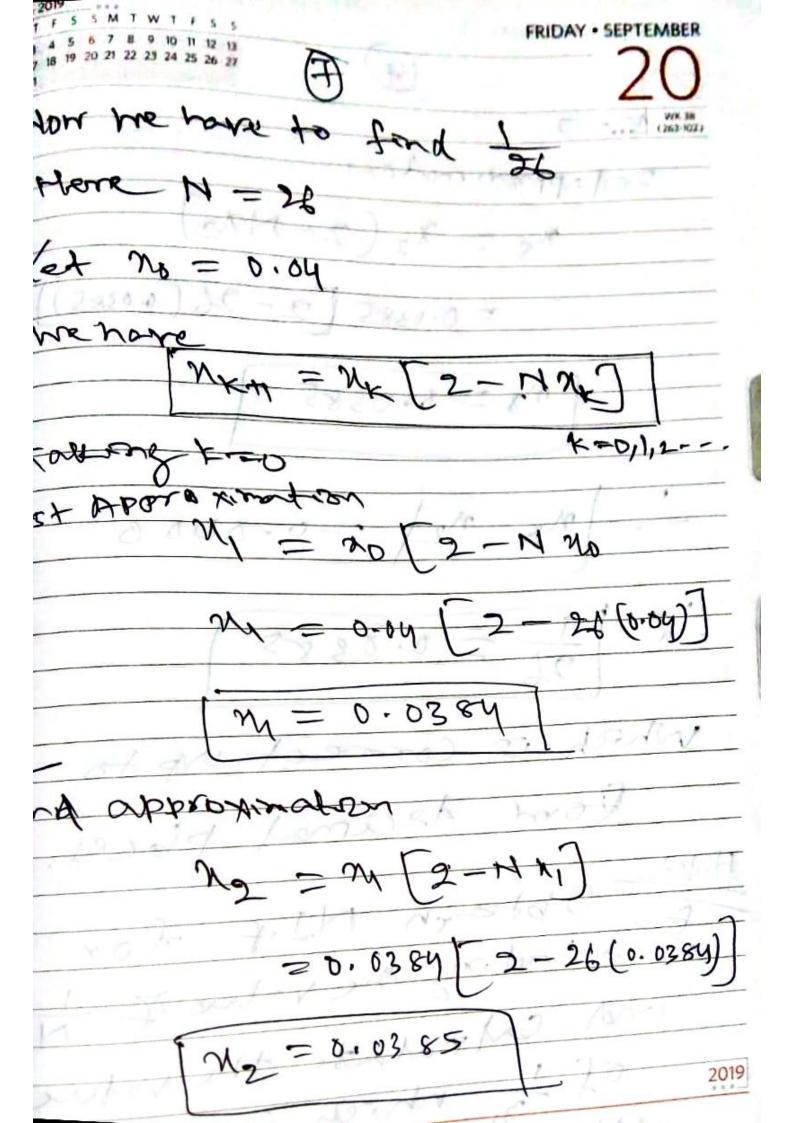
f(x) = 2x1 Latisin @ ma MKH = MK - (XX - N ZXK = 14 2 22K 3 H = 5 NK+ for K=0,1,2 VL is called New ton's notine to incla for finding me

wave to brind 112 we. Myz = IN x 20 x x 20 } = 12 + 142] 9 /x1 = 11.9167 - sud at tuex send 1/ No = 1 [N. + N] = = = [11.9167 + 142] [xz = 11.9164]

11-9164 Value Vão Correct up to Places obtain N. I. F bond find th five de cimal + lace







22 (2-NA2) =0.0385 [2-26 (0.0385)] mg = 6.6385 = 8.0385 Corro for decimal places n NI.F 700 find my the value and contacte which is correct 019 four docimal places.