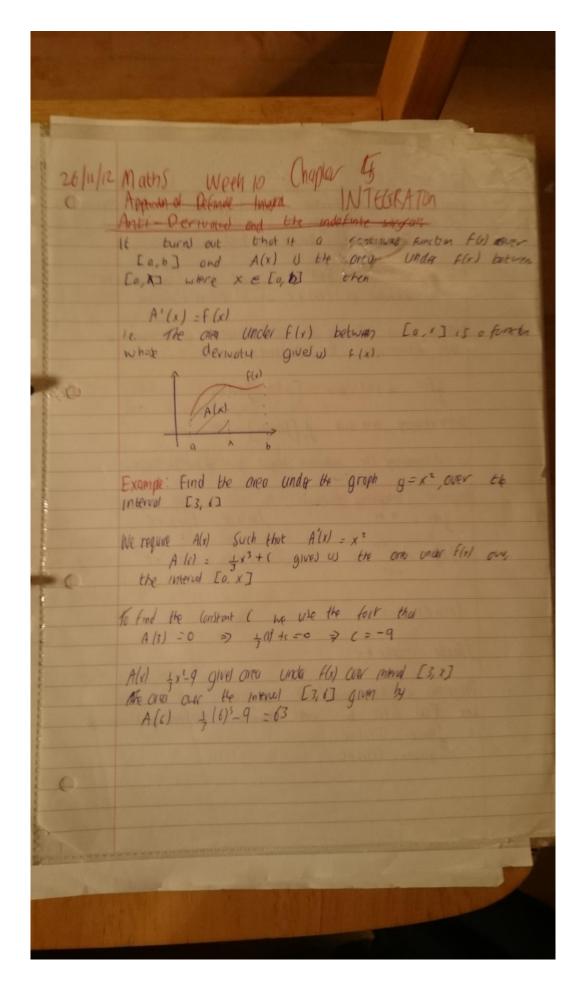
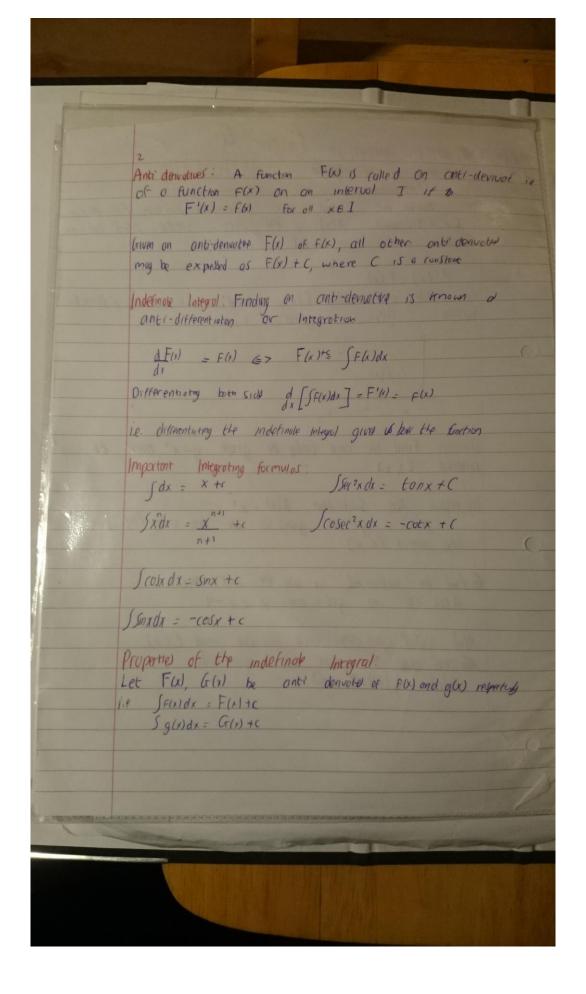
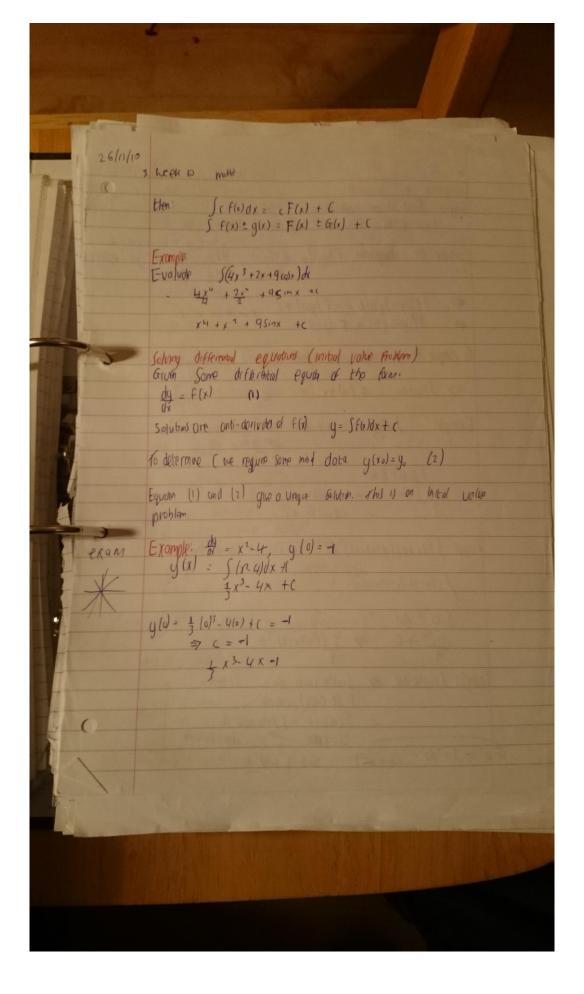
Math) Jewan 1 38 2012

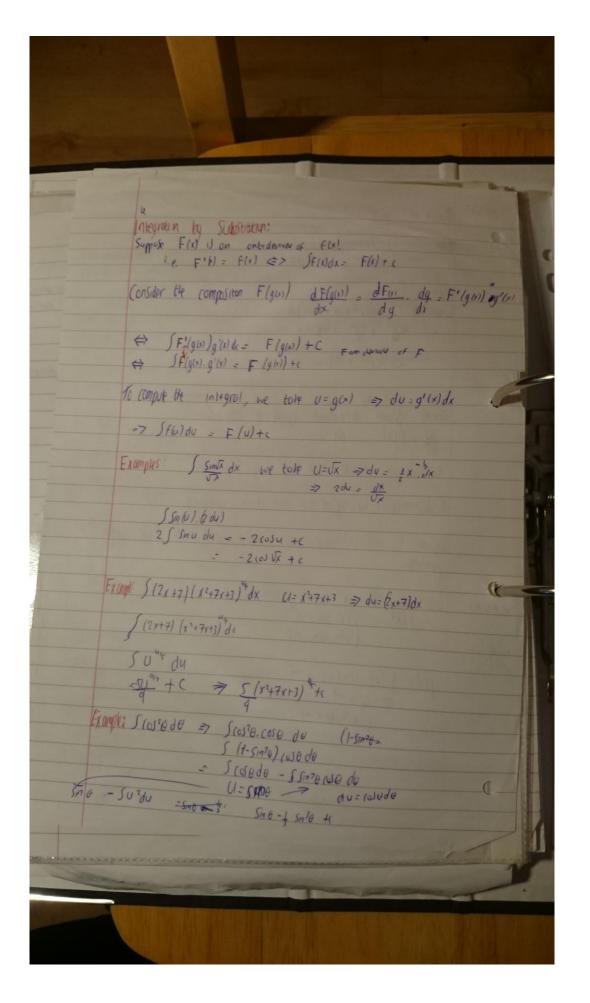
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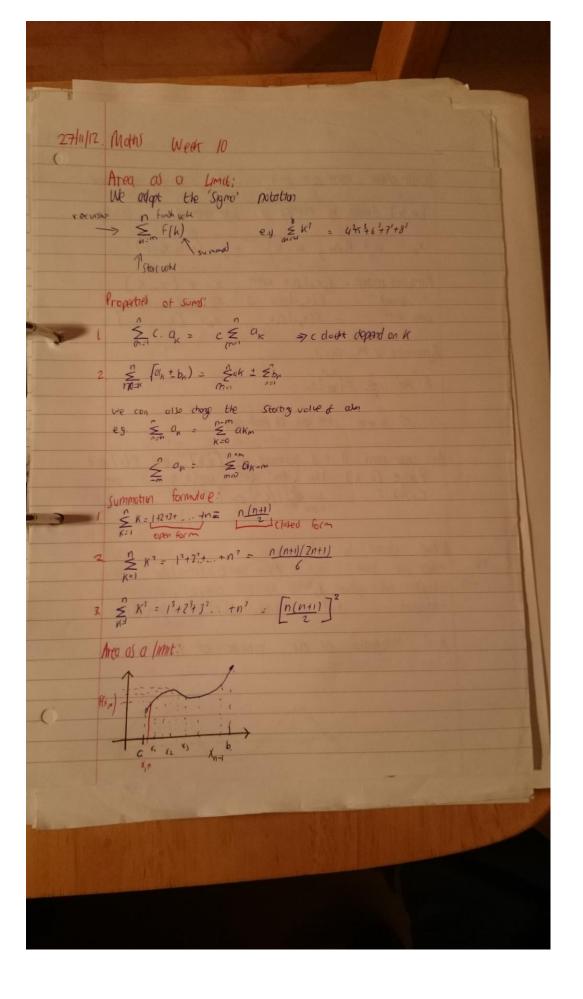
INTEGRATION

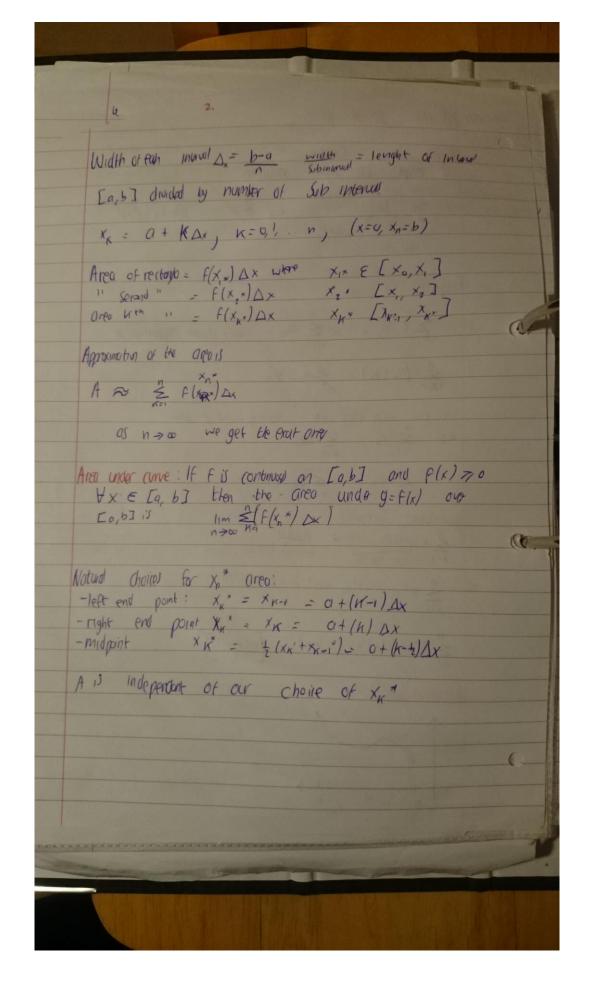


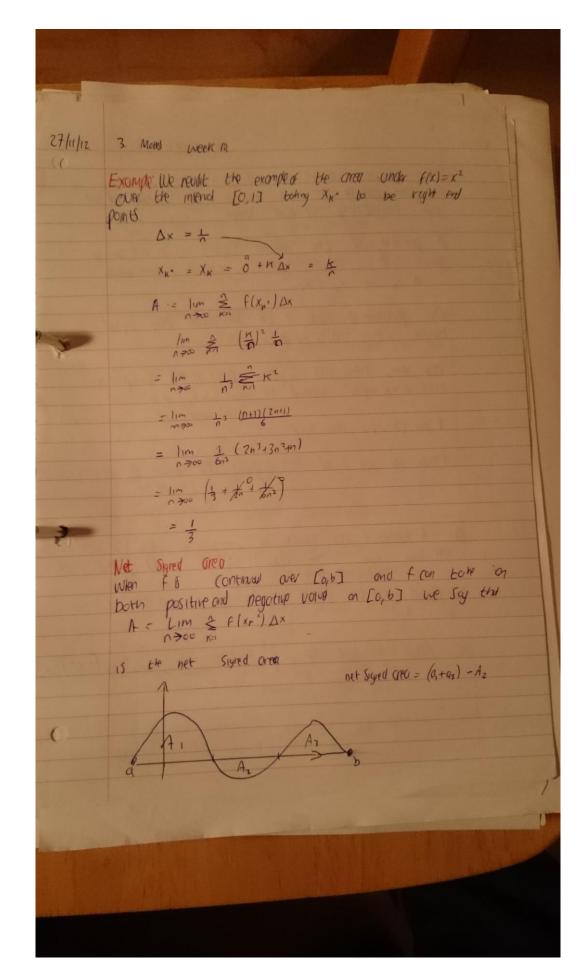












27/11/12 The definite Integral and Rieman Sums: We now consider the case where the substitute one not neccessorily of equal length. A point of the interval Cabi is a reflection of point of  $0 = x_0 < x_1 < x_2 < x_n = b$  such that 1 A XK - XK-1 The partition is rights if the Subinterials have equal length i.e. Aim = Dx = b-9 that is not regular instead let max (Dxx) >0 the laggest of Dxx ifitgoos oll go 1 max (Dxx) = mox size then the net signed oned is given by A= Lim = f(x, r) (Ax, r) Riemann Sym the limit Lim & f(Xx)(Dxx) exult and dod not depend on the choice of partition or on the Chaire. We dende this limit by 5" f(x)c/x = lim = F(x)(xx)

