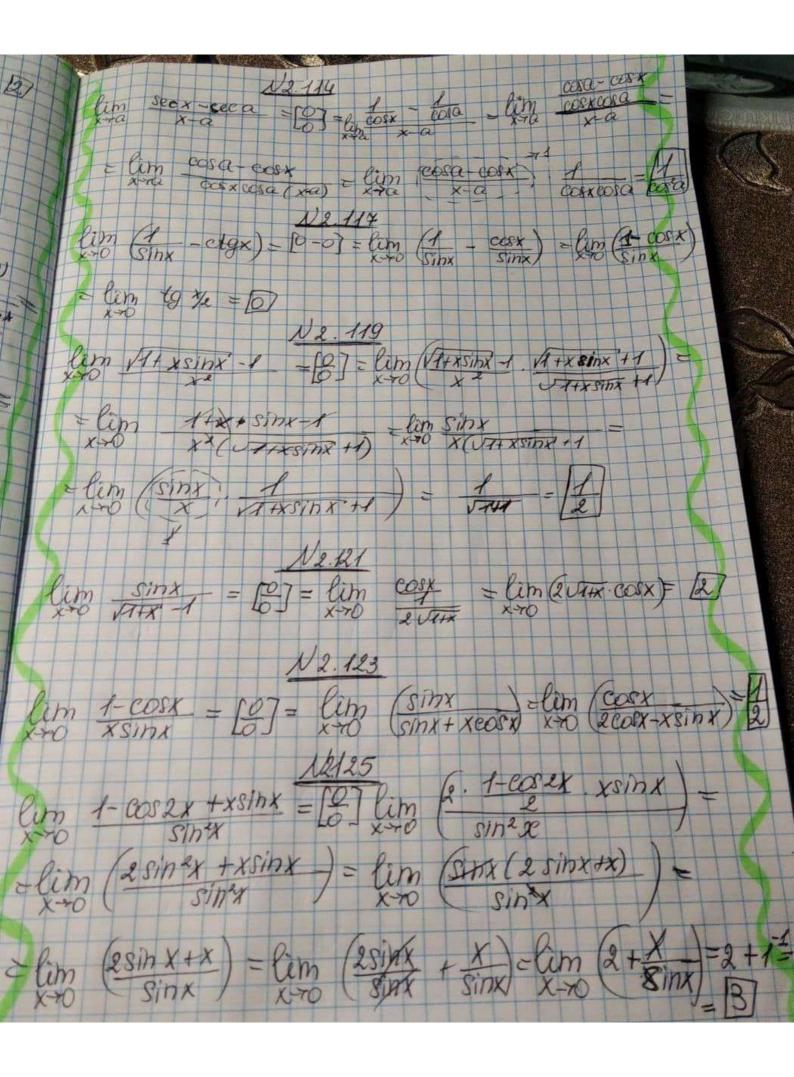
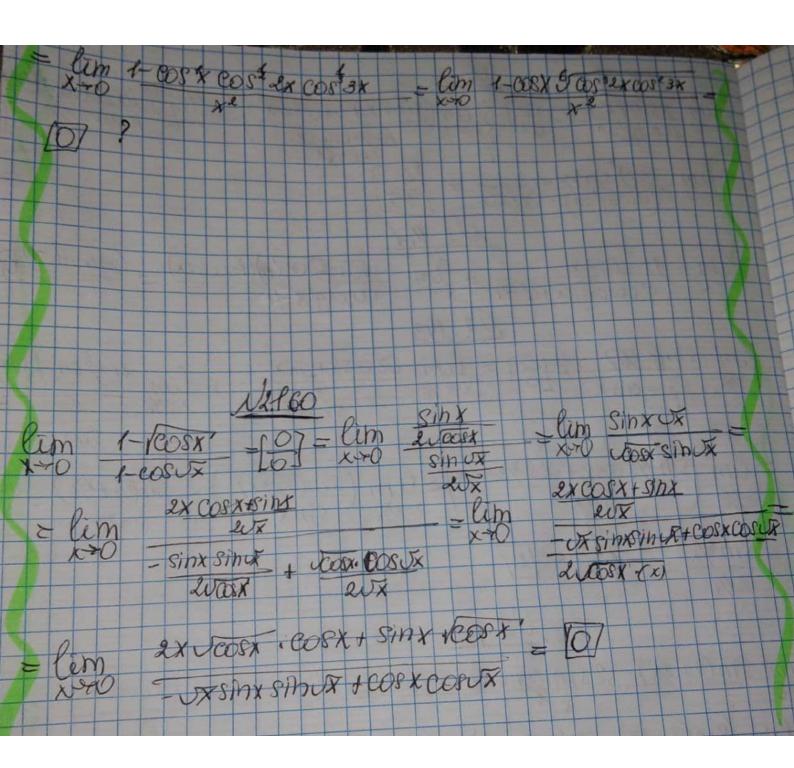


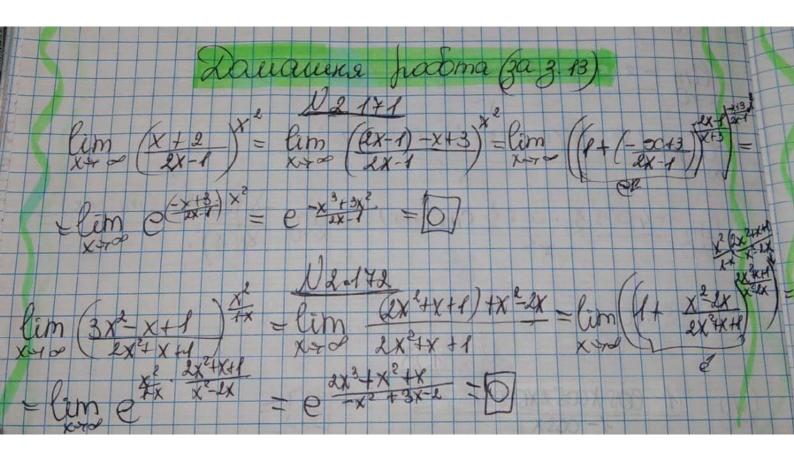
Sin 3x - Cim - 2 COSTAX SINX - Cim 20014x 12 108 sin (4 +) -x) = fim (singx. cos(1/4-x) LEON 2xCOSX-LECOLEXSINX - CESIMARCOSX + CESIMARSINX Win 2xcox - 2 sinex sink + a asex ask - acos exsins are cose cose- uz cosexsine- (lasin excose+ cose+ sinexsina) lim x+1/4 er sinexcosx-sit sinexsinx + re cosex-cosx-cosx-cos exsinx A ( 2008 excosx 2008 excosx-sinexcosx-sinexsinx) = lem TR (-25)nex cosx -esinex5nx + carex conx -cor2x50nx 2005 7 - 2005 1/2 - Sin 7/2 32 - Sin 7/2 5 -25in 1/2 //2 -25in 1/2 -cl/2 +cos 1/2 -cos 1/2 -cos 1/2 -cos 1/2 -21/2 - 12-02 100 N2.110 200 xta sin x-a sinx-sina x-a (cosx+a). -lem xya 12.112 sin(x-a) cosxcosa XYQ x-a Os2a E cum (sinx-a) sin(x-a) COS XCOSC xxa (cosx cosa)(x-a) x-a Kra



Pim 3xcos 4xin COS X/2 2 cos x 2 cos x/2 - 3 x cos x/2 sin x/2 lim 400SB 0) 3.0. SIMO) 4cosex - 3 xsnx 2.129 Com X SINSX GREX Cim x cotgex Singx Sin 3x & Com ( singx / (tgex 6 Com GX ctg 5 x 30 30 x3 t95x xx0 sinex dos SINBX N2. 133 2008X -2008 EX tim 2sin X-sinex z lim 96x 2 tim (1-cosx) 32x 3 - COSX 744 COSS COPX-COSEX 2 (cosx-cos2x) 96 Kom Sex 2 - COSO + 4 COSTO) \$6 96 am singex tg4x KYYO Sin 3 f1x 134 lim Pin arctex 3(4100) 1+X Dr. X

andgesx - Elem (sin4x+4xccs4x) os exem Cim Sintx+4xcura Caron (arong 5x) . 6x . 85 CTO Marcigsx X 5357 1- cosex (March 1414) (1-carex) = (2+4) (1-4) Varcigix 14' 4 arcigix N2.143 sin (x-76) rim [8] = lim O3 COEX+Sin X 03 - cos x City 2 ( Fare of sin) lum (sin 73 cosx + cos 7/3 sinx) = lum (sin(7/3 +x) Sin (6+76) XJA X47/6 Sinx sin 7/6 = Sih We lim sih (2+2x) - 2 sih (a+x) + siha - lim (sin(a+2x) - sin(a+x)) + (sina - sin(a+x)) - 2 cos (e+ 3x) · cos x + cos(x+ x) cos x lim X-40 2 cos \$ (cos (a+\$)- cos (a + 3x)) 711 14 & port Sin(arx) -4 cos 4. cos 4 cin (a+x) = lim XYO Sina 1-COSX UCOS 2X 3 COS 3X





Cim (44x1) etgs (4+x 1185 COSX+SIDX COSX+ COSXSIDX 4X-SINX Anx SINX+SINX Cim Aro SINPX Sinex HX-SINX Sin3x = tex-sinx singx + singx Sinox (-1+sinx) COSX FEOSXSINX HOUSE FOOTE U. 1.90 (Finx-1) 4x (Sinx-1)) sinx-1 um (sinx) = lim e (sinx-1)tfx Sinx Sink - 6x Sink(sink-4) Sinx

