Duy 1 - 60 over Sylabus - Go over Calander

L Course entry duiz - 1007.

- first Luitial KC - locks every trung else out

C.A. Pre assessment - in TC - 9-5M-1=
- Starts wednesday
- due Aug 26 - Aleks is GB, ignor BB excupt attendance 6) At (a + 6) + (= a + (6 + 6) 4 55 0 62 + ming Asile Grove 2) frall a = F, theris - a st, a + - a = 0 insis A Ctason rebilk

E vbe,

Perm : falm) 3) at6=btc Commutaily 4) a-6=b-c " f a squar , stanbraiding strands 5) $(ab)c = \alpha(bc)$ $\alpha 99.cintrity of mult,$ Note a-b=ab=axb (ab)c = a(bc) a 99.cintrity of mult,Note a-b=ab=axb (ab)c = ab+ac intend I fix] 1) Tabio then either and or bed (b) frall a FF, theis a' gl. aa'=1=2=a'a. Field I Ø, 1R, € It (X) From our integral downing we very counter a field Aside by looking it \ \frac{a}{k}, a, 66. D, with \(\hat{a} = \frac{c}{d} = \frac{ac}{k} \) and $\frac{a}{b} + \frac{c}{d} = \frac{ad+bc}{bd} + bn$ (anceling Roman factors. $E_{X}) \quad Z \neq Q \qquad R[X] \rightarrow R(X)$ $\frac{6}{7} \qquad \qquad \underbrace{2x_{14}}_{2} = 2$ Aside (X+z) Order of operations Asid e alsome usentix, polishoses In USA Prefix Poventnigs / abgilite valve e xprints 3 Muttiplica d ivisin = (3+2)x4 9 ubtraction (7+15),3 -12 ex ord off) 2-8 1· \72+15 Uses ups wewill coun Inter How I 12 See this if time switch to Exponents Kevim um (c Smet - Make Chartunty Al 1 Bosics filled as go along

WK I wednes day Ann-TC Opens Thursday - Mid 1.2, + hn 1,3 Expanents + Facturing - do 1,2, then have togetherish work though BB sheet if time, move to 1.3 Review / Preview: -Alg exprn w/a neg exprnant $-3m^{-5} = \frac{-3}{m^5}$ -70% - 1-1 Eyn -70% L 14w+61 = 2 4~+6=2/ 4w+6=-2 4w = -4 | W=-1 4w=-8 W=-2 Thoms lates sonteners into equ's -57% L Three more than the divitions of a number and 4 is equal to 7. - expanuots multiplication - 432 $L 2 y^5 u^7 - 8 u^5 - 2 y$

WK 1 Friday

Flow: Generally wiki on Friday Startzin

undule 3 + Hurgh. Solus: - Quiz 1 due Sunday - requires { courseentry avizt I.k.C. - C. A. presserm+ due 26th - in TC, Ann: on BB, Checkout Note Vepository, its (P) Review: 1-lean tyre 2 -74% vem 12 w+4 = 10 2) Sent 7 eqn - 61%. Six more than the product of a Number and & be comes 9. (3) Simplify alg. exprn - 58,45,45 % 45 x-7 x5 (y-3 x4)-2.52 - 45 % (4) Intro to 1-1 890 - | V | = ~ 8 Content: Finish 1-2, do 1-3

WIT 2 Moodly Due: C.A. Pre-ssegment - in TC, today 9-6 OCt 7th last And to register to vite Later: 7.1 Liver Centent (P) Ve vicw: (1) Solve -3(4x+2) = -6x+3 2×=-3 6x = -1 $X = -\frac{1}{6}$ $X = -\frac{3}{2}$ Check: $-\frac{2}{6} - 1 \neq 0$ $N_0 + 51 = \frac{7}{6}$ $-3 - 1 \neq 0$ $-3 - 1 \neq 0$ + hrough (-2,-3) 5lope -5/2 Y-(-3) = -52(X-(-2)) // and 1 for y=-2/x+1 + hrough (-8,3) m=-2/9 prop: mom_=-1 ~ m==mo $M_{1}=-\frac{7}{2}$ $M_{1}=\frac{7}{2}$ //) $y-3=-\frac{2}{3}(X+8)$ L) y-3= Z(X+8) 4) Line through (-1, 7) and (-4, 7)

 $m = \frac{14}{10} - \frac{2-7}{1+4} = \frac{7-2}{4+1} = \frac{-5}{3}$

LZ.d1 [2,d16 12,d2

 $y-z=-\frac{5}{4}(xt1)$

G0+0: 136

(4x+2)=Zx=1 Note 2x-1 20 for 4x+z=-2x+l 4x+z=zx-1

Week 2 wed 1 Ann T1 Sept 3rd + 4th 447-ven (Preveiw: 0 - 12x+71-5=-5 2 / oud I tolic 90 kvem 1x+zy=-9 //oud + 1;us through C-(-4) My: examine AxtBy = C By = -Ax +C $y = -\frac{A}{B} \times + \frac{C}{B}$ 50 mo = -A-Herr, Mo= - = //-line (my=mo): Y+4=-2(X+1) L-1ire (m_==1): m_==1/(-1/2), = 3/9 y +4 = 2/9 (X +1) (3) Pt 5/1/pe 88 % rem

1; re through (-4,-8) W/ 5/1/pe 3/4

/ nes

(4+8=54(X+4) 837, vre 4: 3x+2y=6 nud L2: Zx -3y = 7 1/, 1 1 askew ?, Recal m = A tou Ax+By=C ML = -3/2 $m_{L_2} = -2/3 = 2/3$ Note Mr. Flaz - hot // Mr. - MLz = -3, -2/3=-1 (5) Find XIY intercepts for y2-X-420 Net: -X-intercepts on points on curre into Secting 4=0. IE 2 cys Coord is 0. - yint is when 1st courd is 0. forex: X-int = bet y=0 0=x-4=0 So in point (-4,0) - Devotin From Aleks, thre, Just -4. Y-int: Sex X=0 y2-0-4=0 y=12 reed with Y-ints. (0,-2), (0,2) Alek 5: -2, Z eyn of light through 2 pts 80% vers Line through C-2/5, 8/3) and (1/3, 6/5) $M = \frac{\Delta y}{4x} = \frac{8/3 - 6/5}{-2/5 - 1/3} = \frac{3.5}{3.5} \cdot \frac{(8/3 - 1/5)}{(-2/5 - 1/3)} = \frac{8.5 - 6.3}{-2.3 - 5}$ $=\frac{40-18}{-6-5}=\frac{22}{-11}=-2$ Line: 4-6/5=-2(X-1/3) Contut: Z-Z Inter Cepts L2-d16 1, goto 2-16-1ihes, work #4 L2, L2 2. 90 to 2.2 - intercepts

- Groves of 4, half does x, standard glance

- At end do x+2y+3z=4 find X, Y, Z-intreepts. Recall: intercepts on what hits the axis ie when all other vers are zero. x-int= x+0+0=4 (4,00) yaint: 0+2y+0=4 (0, 2,0) Z-int: 0+0+3==4 (0,0,4/3) If finish, Aleks time