WZWL 27th+28th Aun Test 1 (Preveiw: 0 - 12x+7 | -5 = -5 2 / ord L toliz 1x+zy=-9 //oud + lius through C-(-4) My: examine AxtBy=C $y = -A \times tC$ $y = -\frac{A}{B} \times tC$ Su mo = -A - 9 Here, Mo= - = //-line (m/=m0): Y+4=-2(X+1) 1-1ire (m,=-1,)= m=-1/(-1/2),= 3/9 y +4 = 2/9 (X +1) (3) Pt 5/1/pe live through (-4,-8) W/ 5/1pe 5/4 L'nes Agis, 4+8= 54(X+4) vre 4: 3x+2y=6 837, nud 12:2x-3y=7 1/1 1 15 ASKEW ?, Recal m = A for Ax+By=C $M_{L_1} = -\frac{3}{2}$ $M_{L2} = -2/3 = 2/3$ Note Mr, Fhr - hot // ML1.MLZ = -3/2-2/3--1 hence L Find XIY intercepts for y2-X-420 Net: -X-intercepts on points on Curre into-Sectory y=0. I = 2 cx Coord is 0.
- y-in+ is when 1 cx coord is 0. forex: X-int: bet y=0 0=x-4=0 X = -4So in point (-4,0) - Devotin From Aleks, thre, Just -4. Y-int: Sex x=0 y2-0-4=0 y =4 1 kills sign to undo y=12 reed utn Y-ints. (0,-2), (0,2) Alek 5: -2, 2 Eyn of life through 2Pts 80% vern Line through C-2/5, 8/3) and (1/3, 8/5) $M = \frac{\Delta y}{4x} = \frac{8/3 - 6/5}{-2/5 - 1/3} = \frac{3.5(8/3 - 1/5)}{3.5(-2/5 - 1/3)} = \frac{8.5 - 6.3}{-2.3 - 5}$ $=\frac{40-18}{-6-5}=\frac{22}{-11}=-2$ Line: 4-65=-2(X-1/3) Content: 2.12 and 7.16 avickish 7-2 Intercepts L2-d16 1, 90+0 2.16-lines, work #4 2. 90+0 2.2 - intercepts receto hill up ans.

[Groves of 4, half does x, the does / eqn of plane

At end do x+2y+3z=4 find X, Y, Z-intrappts. Recall: intercepts be what hits the axis il when allother yors are zero. x-int= x+0+0=4 y-int: 0+2y+0=4 (0, 2,0) Z-int: 0+0+3==4 (0,0,4/3) It finish, Aleks time

Ann: test 1 WZF1 4 20 Q's - 75 min Lexpected 20min. - madulas 1+2 L Review for ex-m 1 histly recomended. Lall preside material. 1) 4) Line through (2,-2) with Slope 4/3 in standard form. b) I line to (a) through origin. 2) find X14-ints for $x^2-y^2=4$ 3) La Vertical line passes thorough (7,12). egn7 6) Porpention to (a) through (a,6) ? 4) Am stands high above a pool,) umps jn, slowly sim's to the botten the Quickly assends to Surface. Graph Grent above Uft. time. 5) Kirby opened on injuvestment account and placed 5000 in side. at the end of the year, the accorni decrosed by 57. multiplier; End amount; 6) |6u+3|=-97) Rewrite W/ ho negrtice 7x-2(y3z-4)-2 y.49-2z-3 8) The sum of a quantity and 7 becomes that yountity and 7 multiplied. - Review for test one on laptips.