(y)=0=)f(x)=(x-y)---8- d=kx+4 (0,4) is on line Mx-3y=4 No soln 5R x-59 Hx-5y=7 It incornistent 4x-52 X-54= 5k=4=7 10 75=(x-11) X= \$11+5=16 X= \$11-5=6 xty=&+w=) x >w= xot W-Z x=w>t=7

x value 12 - yertex = -20 y=a(x2+2x-8) Jb = 2 = 1 y-val: a(1-2-8) = -94 $\frac{24x^2+25x-47}{ax-2}=-8x-3-\frac{53}{ax-2}$ 7 24x2+25x-47 = (ax-2)(-8x-3)-53 $=-8ax^2-3ax+16x+6-53$ = -8ax+(16-3a)x-47 -8a = 24, 16 - 3a = 25, a = -33x2+12x+6=0 => x2+4x+2=0 X= -4=1/16-8 >-5+ 1 INEX

