	Physics IB HN#5	
(((21.14)15 (0.3	b) IEI-E
	C1. 11/15 0.3	b) E = = = = = = = = = = = = = = = = = =
	Low France	F=mA
	-15 cont	massis 1 AV
	a) 15+ (4TE -12,01) + (4TE + 12,01)	Tho it nisses
	IFI= (1212 (1911+1921)	c) 2.76×10-17N=MA
	1Ft= 40HC (3.04c) (10.6)2	A=1.65×10° f2
		DY= = (162×100=) (182×100)
	Frona = Frona 12.01	07=2.731×10-6,
	= 0.216N	d) With the Electric field
	(Fiora) = Fiora cosa = 0.1728N	I MONGO
	(Fiona)y=-0.1296N	G0-11-
	(Fronc) x = Fronc cosa =-0.17280)	21.28) Vo=1.00x10°=
	(Fz ona) y = -0.1276N	y: 0.60sm
4	[F] = 0.2592N	x= 0.02m
	b) straight down	ay=? Vo=?
	70° clockulic	to?
*		0.02m= Vot
	21.27) V.=1.10×1063	t=2710 s
	a) V=1.10×1065	Uy2= Vo2 + 2a(4y)
		$0.005n = \frac{1}{2}(a_3)t^2$
	X= 2.00cm	ay= 2.5×10'352
	y= 0.5cm	$v_y^2 = 2(a_y)(0.005)$
	dy:?	Vy=5000007
	Zemz Vt	VEX=1118033,995
	t=1,82×10-8s	21327 1 2
	y= 2ayt2 ay=3.025×10 5cm	21,3)) E= 276, 1
	= J.025 × (01) ==	下一方
	F=ma=(9,11×10-31/2)(as)	315cm 2000/1
(N)	F= 2.72×10-17N	315 cm > 2 = -4 HC/m
	= = 172,24 %	
	(E) 40-111,124 (C)	1= y 12= y- 15cm 8 H2/n= -4-0.15n
	We restant	8HCY -1.2HC - 4HCY
		8HCY -1.2HC = 4Hcy



