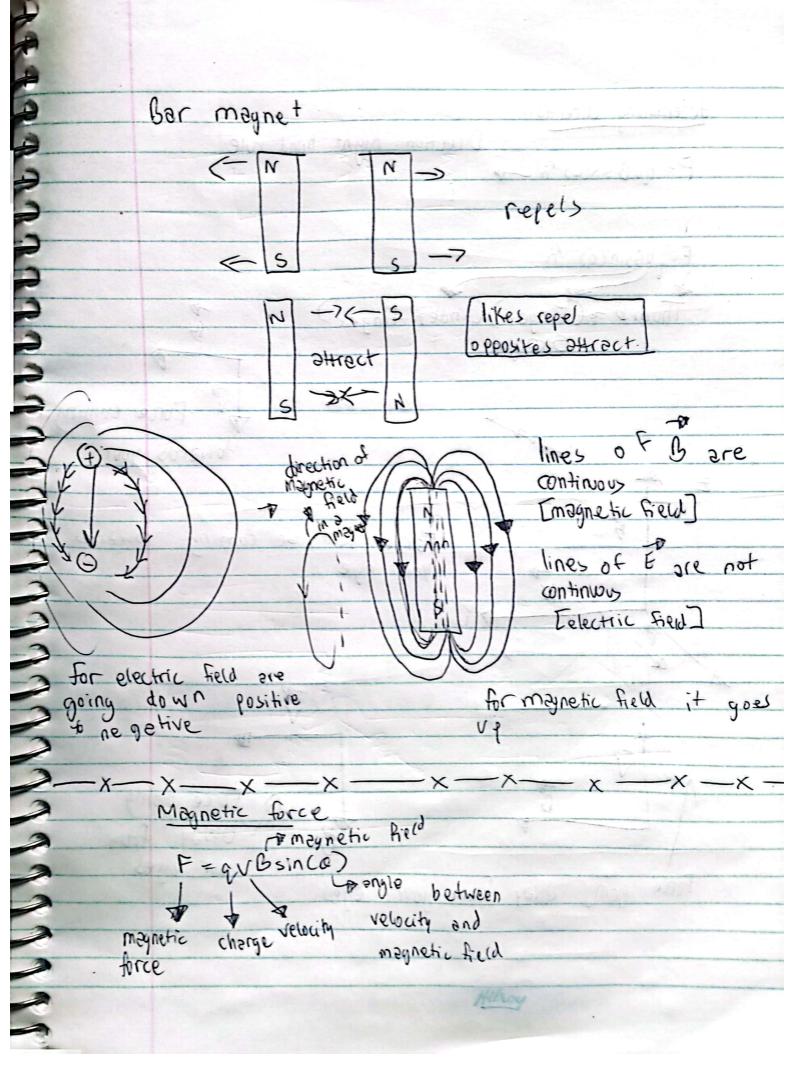
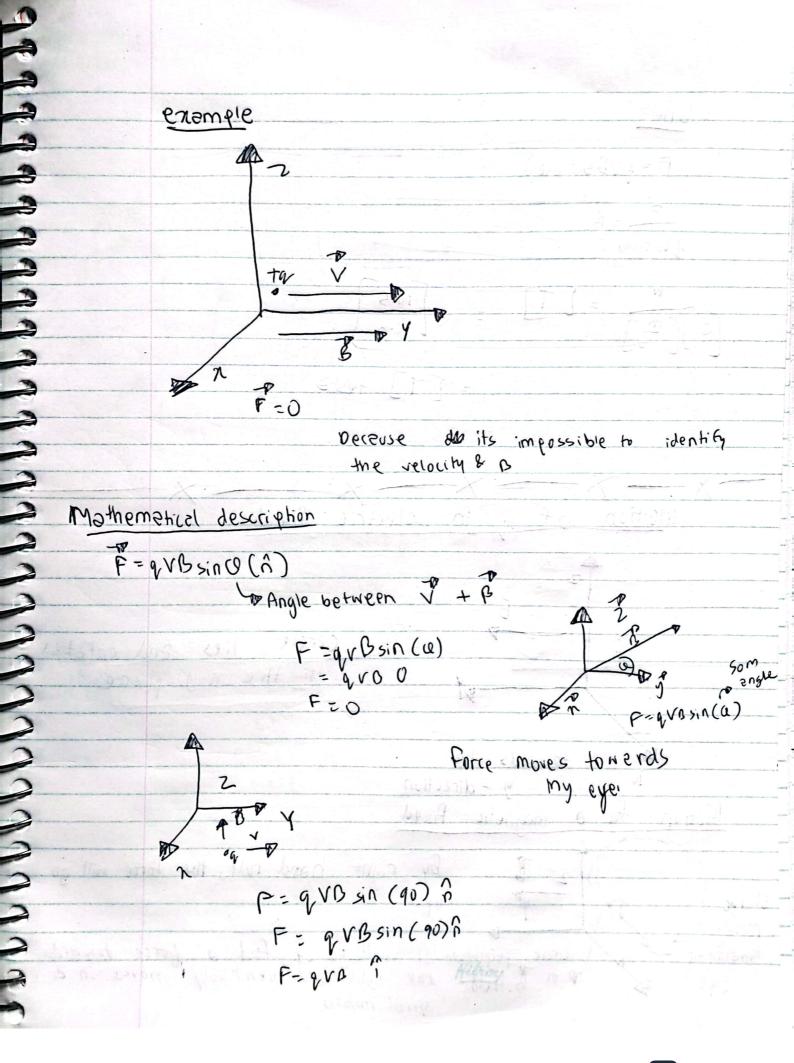
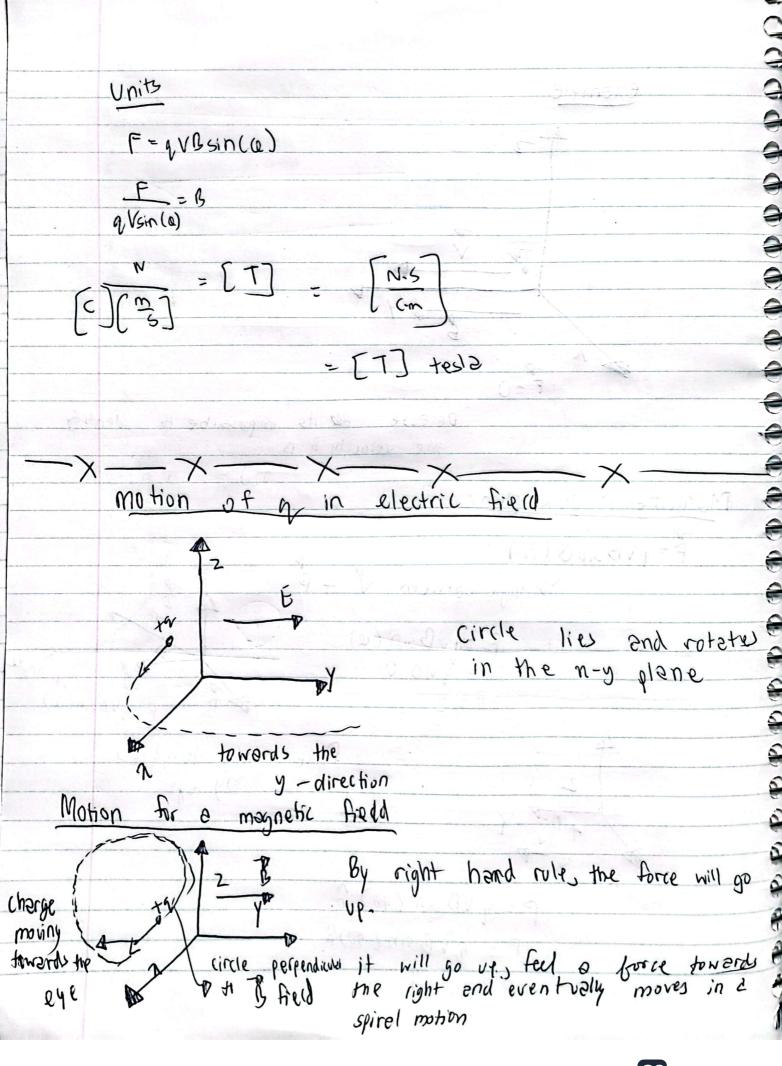
Magnetism Bar magnet full bor maynet cut-half bar magnet The When ber magnet cut in half, you still have two new bar magnets and so on. To until no maynetic monopoles To Lbecause you can't just have N OR S] To north and south come together



determining direction Direction'. Right hand rule F= quB sin(a) n -F=q, Vasin (0) A Thum b = (Finger) (Index finger) 5 Stroignt Force Coming ARRE TOUR YOUR eye 2 15 towards Force will be coming your eye V TIP Force Doing PEMBY from your eyes Force from your 80100 Susy





してしてしてしてしていているものものものものも Wadustic tiers wotion (s) in a squerical or circulal waxion er2mple magnetic force 1904ir F= q VB sin (a) = q VB. (av) -41B eway from the 19 fingel pointing toward the Straight Fingel streight fingthr Cyclotron Note If moving in a circle Centripetal force いっこうこうこう SIF = my qVB+ ~ mv2 Hilroy

speed = dis Force on a wire in magnetic -10 15 magnetic force Feg VBsin (0) 2 F= Ug VBsin (a) N C F- 09 (VOt) Bsin (0) à (1) Bsin (a) ? Force moves towards the eye LB sin(a) ? To Angle between 2 Land B out of the Liscreen towards the = IL Bsin (90)

Force moving away from the I Force F= q V B sin (180) Hibrory