2.3 lomplex numbers. Imaginary. form $0+b^{\circ}$ Imaginary. Where $i=\sqrt{-1}$ or $i^{2}=-1$ Real part V-4= V-1 V4 = i2 = [2i] Simplify: (3+i) + (2-3i). 3+1+2-31 5_2: V-4 + (-4 - V-4). V-4 + 4 - V-4 = [-4] (3+2i)+ (4-i)-(7+i)=[0] $\sqrt{-4 + 16} = 2i + 4i = 8i^2 = -81$ (2-i)(4+3i) = 8+6i = 11+2i $(3+2i)^2 = 9+12i+(2i)^2 = 5+12i1$ if a,b>c ifabbo Simplify 2+3i form a+bi $(a+bi)(a-bi) = a^2 + b^2$ (mjugate. Hint: Raturalize. 2+31. 8+41+121-(0 i 3 + i 2 tan the form a + bi $|a|^2 - |6| + 1$ (-6i+1) = |-1+6i| $l = 136 i = (i^2) i$ 1 : = i = (-1)68 i = [i -8i i = [i]