txioms 114 - 4 Then Axiom 10 is satisfied Hence Vis a vector space. Overtion The set of all pairs Real numbers of the form $(1, \chi)$ with the operation $(1, \chi) + (1, \chi') = (1, \chi + \chi')$ and K(1, y) = (1, ky) Ocestion The set of all 2x2 matrix of the form [a 1 with matrix

1 b addition and multiplicate Question