The sum of two rational numbers will always be gottling a retroval number. Since a rational number has 2 intergos, o mand n. And by adding it kopther with me and ne it becomes the sum of and two fortergers written in a rabbonal number. $\frac{n}{m} + \frac{n_e}{m_2} = \frac{sn}{sm} + \frac{sn}{sn} + \frac{sn}{sn} = \frac{sn}{sn}$ The sum of a rathonal number and le. an Ireatornal number will always be Issatronal As example: 1/2 + 1/2 = insulposed {Q} + {IR} = {IR} whole irrational if $\sqrt{3} \cdot 2 = 2\sqrt{3}$ a + C = $\sqrt{3}$ b if a + C = $\sqrt{3}$ while irrational if $\sqrt{3} \cdot 2 = 2\sqrt{3}$ where $\sqrt{3}$ if $\sqrt{3} \cdot 2 = 2\sqrt{3}$ if $\sqrt{3} \cdot 2 = 2\sqrt{3}$





