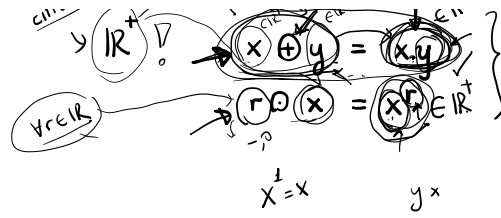


→ $z \oplus z = z \cdot z = 10$ ←

Is \mathbb{R}^+ a vector space with these operations? Prove your answer.



Is $\mathbb{R}^+, \oplus, \odot$ vector space?

$x \in \mathbb{R}^+$ inverse $\odot \Rightarrow \frac{1}{x} \in \mathbb{R}^+$