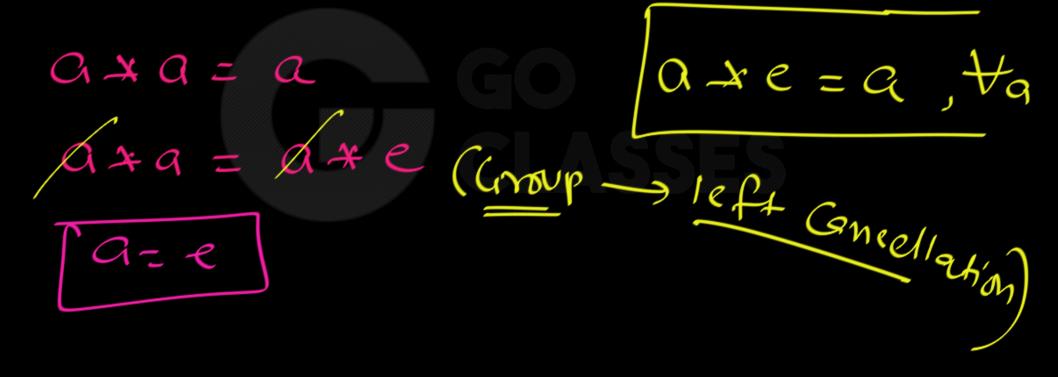




Q: In a Group, can we say that If a*a = a then a = e? \Rightarrow $y \in$







Q: In a Monoid, can we say that If a*a = a then a = e? \longrightarrow

$$(N, *)$$
; $a*b = max(a,b)$
 $5*5 = max(5.5) = 5$
 $5*5 = 5$ But $5 \neq e$



monoil Unique identity Inverse may not exists for some clements left cancellation X Group monoid with inverse Unique identity Unique inverse

left Cancellation L Right 11





