





Lot, doesn't work.

assume a = 0

a E F so a has an inverse

1 (av) = 0 xa

4. empty set is not a vector space, why?

no additive identity

Show for a vector space, additive inverse can

be Preplaced with

V+W=Ov

We know for inverse w= = V

0:0

V + (-v) = 0v