POSTULATES & THEOREMS

X + o = X	x·)=X	ilen f.it-/
x+7 = 4 + x	x· y = y · x	commutative
X . (Y+z) = X . Y + K . Z	X + (4.3) = (X+ x)(X+5)	distributive
X + 'X = 1	X · !x = 0	
X + X = X	X · X = X	
× + 1 = 1	X · o = 0	
(x')' = x	(x')'= x	involution
X + (4+ s) = (x+y) + z	X · (Y · Z) = (X · Y) · Z	associative
$(x+y)'=x'\cdot y'$	$(\chi \cdot \gamma)' = \chi' + \gamma'$	Pe Murgan
$X + X \cdot A = X$	$X \cdot (X + Y) = X$	absurption

· duality if we exchange + with . and I with 0.

$$\frac{e_{X_{1}}}{e_{X_{2}}} \text{ prove } \begin{array}{l} x \cdot x = x \\ x = x \cdot (x + |x|) \\ = x \cdot x + x \cdot |x| \\ = x \cdot x + 0 \\ = x \cdot x
\end{array}$$

SIMPLIFICATION