

Extension of Boolean Algebra.

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Main body-we know $0=false$

$1=true$

But other possibilities are also possible

Like, $0=true$ $1=false$

$0=false$. $1=false$

And $0=true$. $1=true$

These possibilities are there.

Proof-

$1=true$

$1*34=34$

Here $1=true$

$1=false$

$1+34=35$

Here $1=false$

$0=true$

$0+34=34$

Here $0=true$

$0=false$

$0*34=0$

Here $0=false$.