Tuesday, October 06, 2015

consider the propositions p * 9:

=> there are four combinations of the possible values of p to q since each can either be true ar false.

truth table: (extrem

(extremely long-winded version)

P	9	p^9	P ° 9
felse	false	Calse	false
false	true	false	troe
troe	false	false	true
irve	true	tre	true

really terse version:

true = 1 and felse = 0

well	P	9	pra	pva	p € q	ē	pna
USE	0	0	٥	B	O	(1
this	0	1	0	1	f	1	1
	1	0	0	(1	0	(
	C	1	t	(0	0	0

example: write the truth table for prip:

naw, use that table to simplify prop $\rho \wedge \bar{\rho} \iff 0$ $\rho \wedge \bar{\rho} \iff 0$ "is bosically equivalent to"