that either this or sable TF P 1 false when both.	
that either this or stable TF P a folse when both	
	and a donated para
	are false true otherwise
	s inclusive or
E 3 > 8 negative: I don't like Mady FT T	
Mon-comple	suc of (1)
Downst Ame is 19 Confinction (And)	1 Paa
Dan'=3 Lid p and a be proposition. The conjunition T	r F
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	/ It p then a / Implication
F Fan Folice TTT be para a he proportions	s. The convisional statement
logical appropriate one until to	TEP then a paa
	the L & is first (other like
Negation: We probe a paparation the PFF PF probability the hapathesis to	landecedous / premise and
negation of P (TP), is the statement of the court of statement is proposited involves to variable, of is caused the court	lusten/Carsoquence
THE AND THE COSE THE P. THE BUT WHEN OF JO MEET A PROJECT TO MEET A PROJECT THE COST OF TH	
	ALCOHOLD TO
	apostions. The biconstant
P a p-ra and p-ra and Ta-Te are common Let p and a be pro	is the proposition "p if
	og is the other plag
	values (false otherwise)
	(9-78) are equivalent
differences to say pool FFTTTFTP P Q PL->	9 0-9 9-1 (p-9-1) N
	TTT
	FTF
Sip.	
DA receiver contition for p is a contraposition is sent than FFFT	7 7 7
E) A steron or sin D	
page (it is not an integer"  Converte; if a number is real then it is an other easys to say p	6-0.0
	and sufficient for a
contraportine; - 2-3-28 inverse: If a number is not an interest there	
The state of the s	imber is an integer its it.
when exception purposition is have the same have fashing the second have the same have the same have	
	NAME OF TAXABLE PARTY.

V					
					11.02
	Presentance of logical opportunities		bit operator	(1 N 75) ->a	12 Proposition Estimate the
	T 1 TPAQ		A AND	Logic Puzzles	A company proposition and is about the
	1 2 . (-P)10		V OR	Knights and Knows puzzle	is collect a Tonerangy
	V 3		⊕ ×or	ON A SESS & S & MIGHT	Ha alvers salse is cook a control of
	_> 4		bit strings	B says "The two of us are apporte hippes"	A compour prop that
	4-> 5		0110110110	30/4/20	
			1 100011101	K A is Dight	OV Ab It Course
	Load bit operation		1110 111111 bituse DR	han B is a knight	PV TP IS TROUBLES
			0100010100 bitua AND	but then B's statement in false (contraction)	P TP P
	A bil is a symbol that is either 0 or 1		1010101011 bitesse XOR	1 A is a knowe	
				then B is a troove	FTTF
	O-F Fake		1.2 applicators of propositional logic	III	prq is contingerity
	A booleen verable can be represented		Translate copplish sentences into Ogical statemes		P a P n q
	voing on bit		(ex) "You cannot ride the roller conster is		7 7 7
	x y xuy x/y x ⊕y	95	you are under 45t tail enless you are older		T F F
	10000	22	then 16 years		F T F
		W. E.	The same same same same same same same sam		f p f
	0 1 4 0 1	700	The 11400 one order Light toll s be 1900 one order than 1640000		
	00000		s be ligou are older than trojens		
					1000 ¬ (p ∧ a) = ¬ p ∨ ¬a
	logically equivalent if touth table same		Let I denote a compound proposition that is	logical equivalences involving constant statements	Parpapa Pra Trv Ta T(Pra)
	alternative definition of two compand propositions		alunge	p-q = prq	TTFFTF
	boung countrient		1F 1 1 1 1 1 1 1	P-20 = 72-7 TP contrapositive	TFFTFTT
	compound propo p and a one Galled		looped equivalences densignis (pra) = 7p = 7	Pra = CP-)a	FTTFFTT
	lagically advisable is p 2-29 is a		equivalance 10 Towal = 7P 12	pra= -(p->-p)	F F T T F T
	fautology	1 dentity	PATER Absorption PV(PAQ)EP	7(p-a) = p1 -a	
	11010	1 1/42	PVF=P Lows Pr(pva)=P	(b-3) v(b-3) = b-3(a vc)	
	P Q G S	domination	PVT = T negation PV = P = T	(p-31) ~ (q-31) = (pvq)->r	show that (pra) - (pva) is a toutology
	TT	Ones	PAFEF IND PATPET	(p=0) v(p=r) = p=> (a vr)	Pf
		ide mpden	PVP SP .	(p->) v(a->r) = (p / a) -> r	(pa)-> (pva) = 7 (pre) v(pva)
	FF	1000	PAPEP	entireless making bronditionals	= (7pv 7a)v(pra)
		double	7 (-p) = p	P (-> 0 = (p->a) \( (q->p)	= (7p v p) v (7x va)
	r c-25 fectology	Correspondent	Pra = a v P	PL-> a = 1PL-> 72	「VT=T
	both are true or both are fake	1000	PAREGAP	PL-20 = (PAQ) V(7PA 7Q)	
	it p avis q are log. ea. Le dente it as	A	(PIA) Vr = PV(qv)		P A P NA
	$P \equiv q$	Lower	(presure profess)	1(br-20) = br > 15	T T D pra is satisfiable
					TE pistue and q is true is a solu
			pr(qne) = (pra) n(pre)		FT to the satisfiability
		Pari	Pr(qv) = (pra)v(pra)		FF F of pra