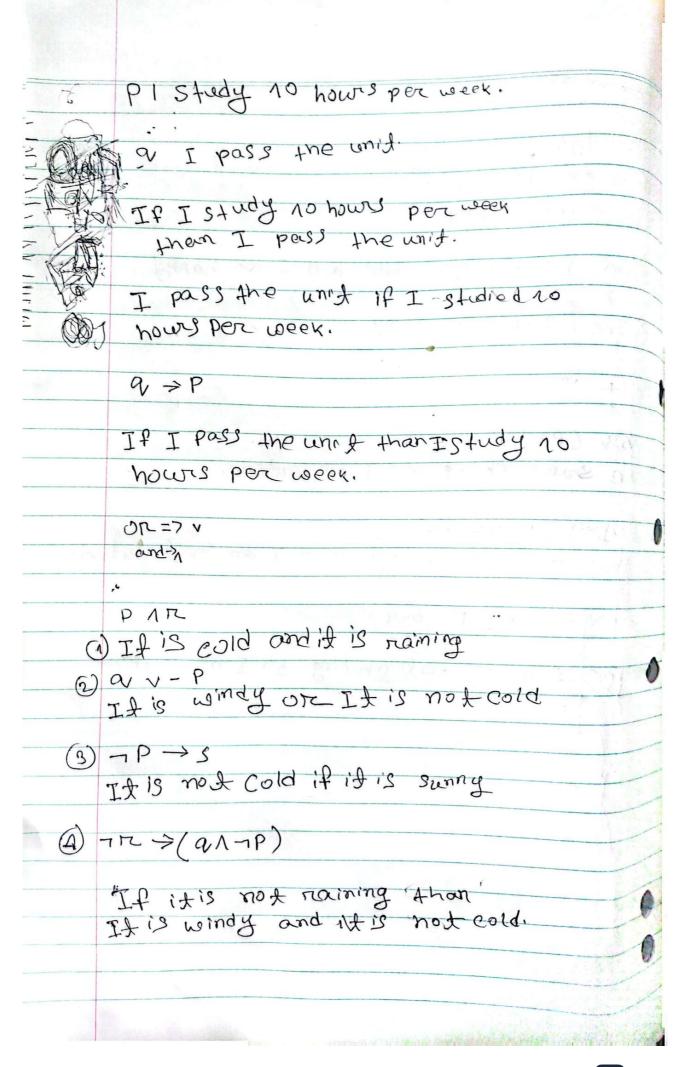
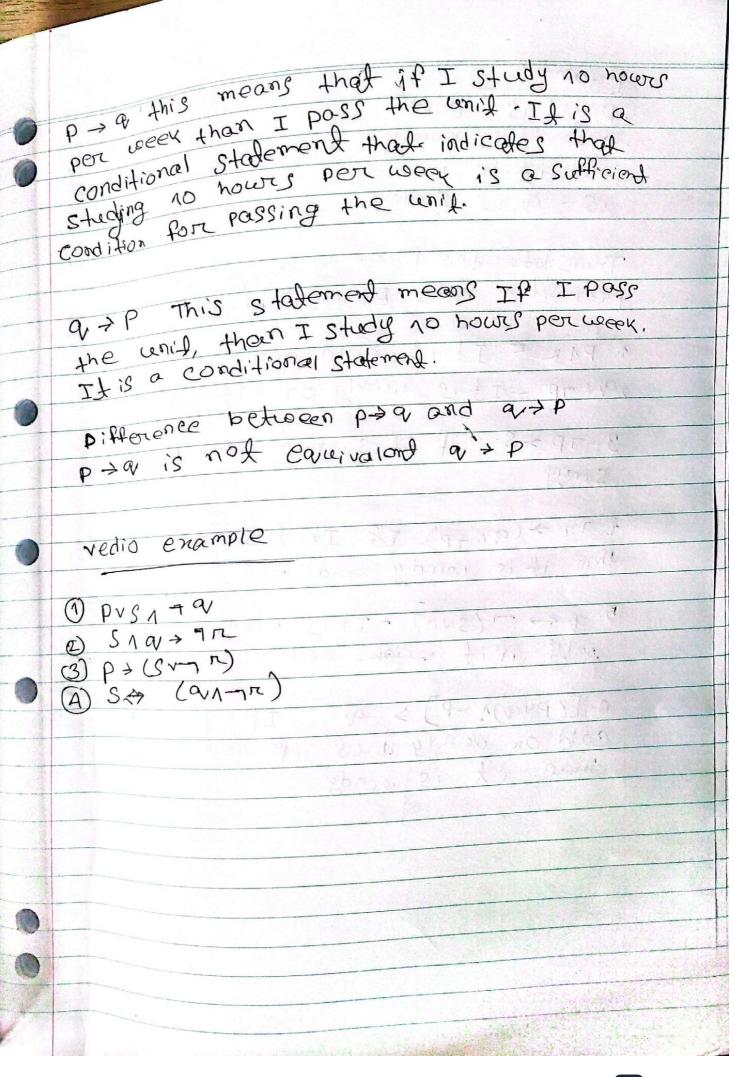
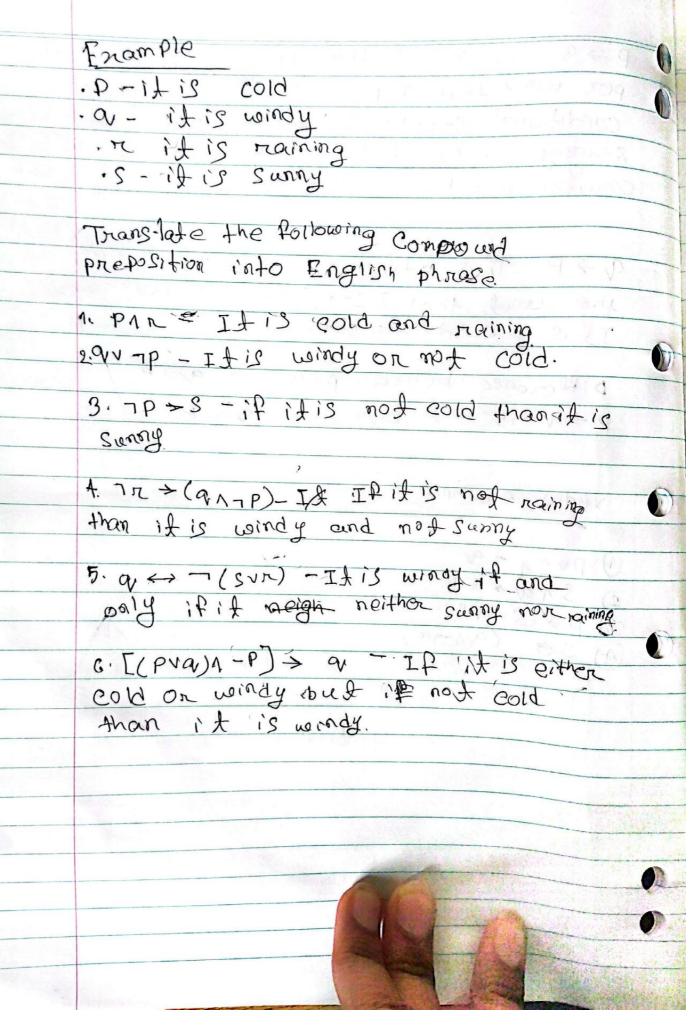
\$ 79,9 AG ENCT: VITA1 P- I am leaving maths. 9 - I am happy I am he learning maths and I am happy, P The Sun is Shining & I am outside PAQ (panda) The sun is shiring and I am outside. P 1-9 (p and not a) The sun is snining and I am not outside. -prov(notp ora) The sun is not shining on I am outside. 900







Enpress the following in symbolie form. 1. It is cold mor sound bas 1) It is neither windy non cold-79/17 3) It is mot cold on raining if it is not swany, 7s × PVN A It is not cold it and only it itis windy and not maining 7P => (av 7r) 1, Ra Gallega o 5) it is a typical melbowene weather a (prava) 1 (- pr - a 172) Truth table step 1: Find all the atomic propositione in the original statement and give them names. P'. You will receive pasta a. You will receive sauce s: you will receive cheese. step? Express the original statement using propositional logic: (PM(QVI)) V (SAR)

Gorger P 1 P	(Pr (ann) w(srm) (Palser (true (true)) v (true 1 true) (Palse r true) ~ (true 1 true) Palse r true (Palse r true) ~ (true 1 true)	for receive chees for receive original for receive property for receive prince property for receive prince property for receive sauci
	4-51.ve)	statement and secent

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when both p and	pra is only palse
PV-L	Truth table for DVa
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1	T T +
7	p or pray
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when both Panda	only frue
	Truth table for P1 a
	Conjunction

Implication Truth table for P > q ar P+a Energise construct a truth table for PATP 0 0 ~1 0

