Day 2 Notes November 14, 2017

From memory, can you write down what the symbols represent?

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V

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 \rightleftharpoons

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From memory, can you write down what the symbol represents?

Check solutions to Review Set C

Then pick up the Warm Up

WARM UP

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Now try the process in reverse with these different propositions.

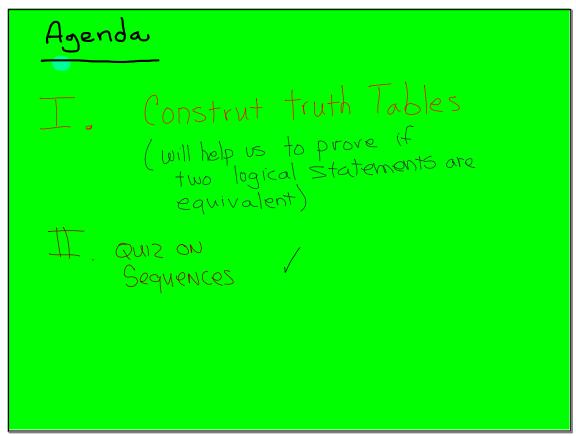
a: I am going to France b: I passed my exams c: I worked hard

Symbols	Words	
$C \wedge b$	I worked hard and passed my exams	
bVa	I passed my exams or I am going to France	
$\neg c \rightarrow \neg b$	If I didn't work hard I didn't pass my exams	
$a \rightarrow (bVC)$	If I am going the France then I either I passed my exams or I worked hard	
a 4 b	I am going to France if and only if I passed my exams	
CITO	I worked hard or didn't pass my exams but not both	

p: I'm a duck.
q: It is raining
r: I'run.

Symbols	Words
p∧q	I'm a duck and it's raining
$p \Rightarrow q$	If I'm a then it's raining
$r \land q \Rightarrow p$	If I run and then I'm
rvq	I run or it's raining
$\neg q \Rightarrow r$	If it's noting then I run
	If I'm not adurk and I run then its not raining

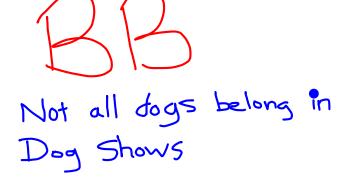
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Logic Day 🐍

pick up the handout

Goal 8 Make truth tables



QUIZ ON Sequences (re-arrange your desks)

Assignment 2: Handout

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