

Homework 2 - Logic (Spring 2021)

First Name, Last Name UNI

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Question 1

p	q	r	$r \vee p$	$q \wedge (r \vee p)$	$\neg p$	$\neg p \vee (q \wedge (r \vee p))$
T	T	T	T	T	F	T
T	T	F	T	T	F	T
T	F	T	T	F	F	F
T	F	F	T	F	F	F
F	T	T	T	T	T	T
F	T	F	F	F	T	T
F	F	T	T	F	T	T
F	F	F	F	F	T	T

Question 2

This proposition is True since the antecedent is False; there are no two integers that fit the criteria to make it True. Therefore, it does not matter if the right side, the consequence, is True or not.

Question 3

1. E

Question 4

Insert answer for question 4 here.

Question 5

Insert answer for question 1 here.

Question 6

Insert answer for question 2 here.