MATH 102: IDEAS OF MATH

WORKSHEET 9

Question 1. From your own exper from arts? How is it different from		c? How is it different
Question 2. Technical definition: (1) What is a statement?	:	

Date: Oct 22, 2024.

(2) What is a sentence?

(3) What is an open sentence?

 $Question\ 3.$ The following are logical rules.

(1) What is $P \vee Q$?

(2) What is $P \wedge Q$?

(3) What is $\sim P$?

(4) What is $P \Rightarrow Q$?

(5) What is $P \Leftrightarrow Q$?

(6) What is the converse of $P \Rightarrow Q$?

 $Question\ 4.$ Discuss logical rules by drawing connection with set theory.

Question 5. What is a truth table? Draw the truth tables of all the above logical rules.