Name: _____

Intro to Proofs
RAFT for "Either… Or…"

Your task today is to impersonate the connector "Either… or…" and share how you feel compared to the connectors "And", "Or" and "Not", by using a format from the list below (other ideas welcome). You need to express your role, your values, your weaknesses, etc. Be creative and mathematically solid.

Suggested formats

Personal diary	*Newspaper article*	*Facebook page*
Magazine interview	*Job interview*	*CV & application*
Personal Ad	*Invitation to family reunion*	*Love letter*

Rubric   *total: 24 points*

The student:	5-4	3-2	1-0
impersonates "either… or…" following the format chosen.	closely and creatively	somewhat	hardly
exposes valuable arguments in favor of "either… or…" and aknowledges weaknesses of "either… or…".	at least 3 arguments (some in favor, some against)	1-2 arguments total	no argument
uses mathematical concepts (from this course or others) to build up his/her writing	solidly and deeply	somewhat	hardly
creates the truth table for "either… or…" and compares it with other truth tables	X	completely	partially
includes examples of English sentences using "either… or…" in his/her writing.	X	at least 2 well integrated sentences	1 or 0 well integrated sentences
suggests another connector that could exist or be used	X	valid idea	not valid

Definition $P \underline{\vee} Q$ is called an _____.

Truth table for $P \underline{\vee} Q$

P	Q	$P \underline{\vee} Q$

Objectives of activity

Students will know:
- the truth table for "either… or…".
- the notation sign for "either… or…".

Students will understand:
- that there are more connectors that exist or could be created than those we studied.
- that connectors can sometimes be expressed through a combination of others.

Students will be able to:
- explain the value of the connector "either… or…".
- give examples of use of "either… or…".
- describe how "either… or…" is similar and different to the other three connectors.