OR

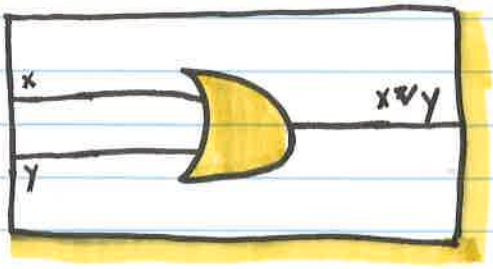
NOTATIONS:

x + y
x v y
(or x y) - racket

x	y	x + y
0	0	0
0	1	1
1	0	1
1	1	1

TRUE WHEN:

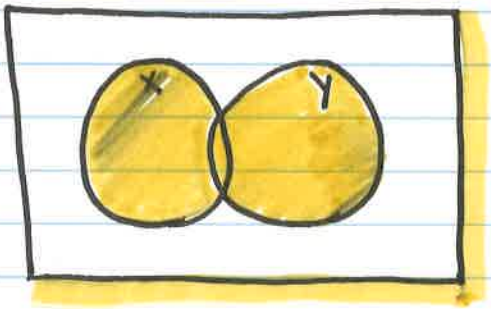
AT LEAST ONE VARIABLE IN THE EXPRESSION IS TRUE



SET THEORY:

A **UNION** OF TWO SETS IS A SET THAT INCLUDES ALL ELEMENTS OF SAID SETS.

A = [1, 2, 3]
B = [3, 4, 5]
A ∪ B = [1, 2, 3, 4, 5]



OTHER INFO:

WHEN EVALUATING OR FROM LEFT TO RIGHT, YOU ONLY NEED TO EVALUATE THE RIGHT ELEMENT IF THE LEFT IS FALSE

EG

(or #t x) - only need to check #t. We never get to x so it doesn't matter what it is

(or #f #t) - SINCE THE LEFT IS FALSE WE HAVE TO CHECK THE RIGHT