

Examples and exercises

Formulate in human language:

$$ab \leq 0 \wedge \neg a = 0 \rightarrow b = 0 \vee (a < 0 \wedge b > 0) \vee (a > 0 \wedge b < 0)$$

- 1 if a times b is less **or** equal to 0 **and** is not 0
- 2 then b equals 0 **or** a is less than 0 **and** b is greater 0 **or** a is greater than 0 and b is less than 0

Some other symbols

$a \in A$ and $a \notin B$