

$= a$ and $N(B) =$

b . Then $a + b$ is defined as $\langle \text{formula} \rangle$.

Here, $A \cup B$ is the union of A and B . An alternate version of this definition allows A and B to possibly overlap and then takes their disjoint union, a mechanism that allows common elements to be separated out and therefore counted twice.

The other popular definition is recursive: