

Associative: you can change the order of parentheses when dealing with a sequence of the same operation



$$A \land \emptyset = \emptyset$$

 $A \lor U = U$
 $A \land U = A$
 L neutral element for their



$$\frac{\text{Lick half or product is}}{\sum_{n=1}^{N-1} \text{ in clock it in subset}} = \frac{1}{100 \text{ biratoric}} = \frac{1}{100 \text{ biratoric$$

GENERALIZED PRODUCT

When you have a set A that can be partitioned (= split = broken up) into subsets A: such that A • the union of 211 A; 's is A A2 A3 A, As $A = \bigcup_{i=1}^{i} A_i$ • the A; 's are disjoint, they share no overlap $\forall i_1 j := > A_i \cap A_j = \emptyset$