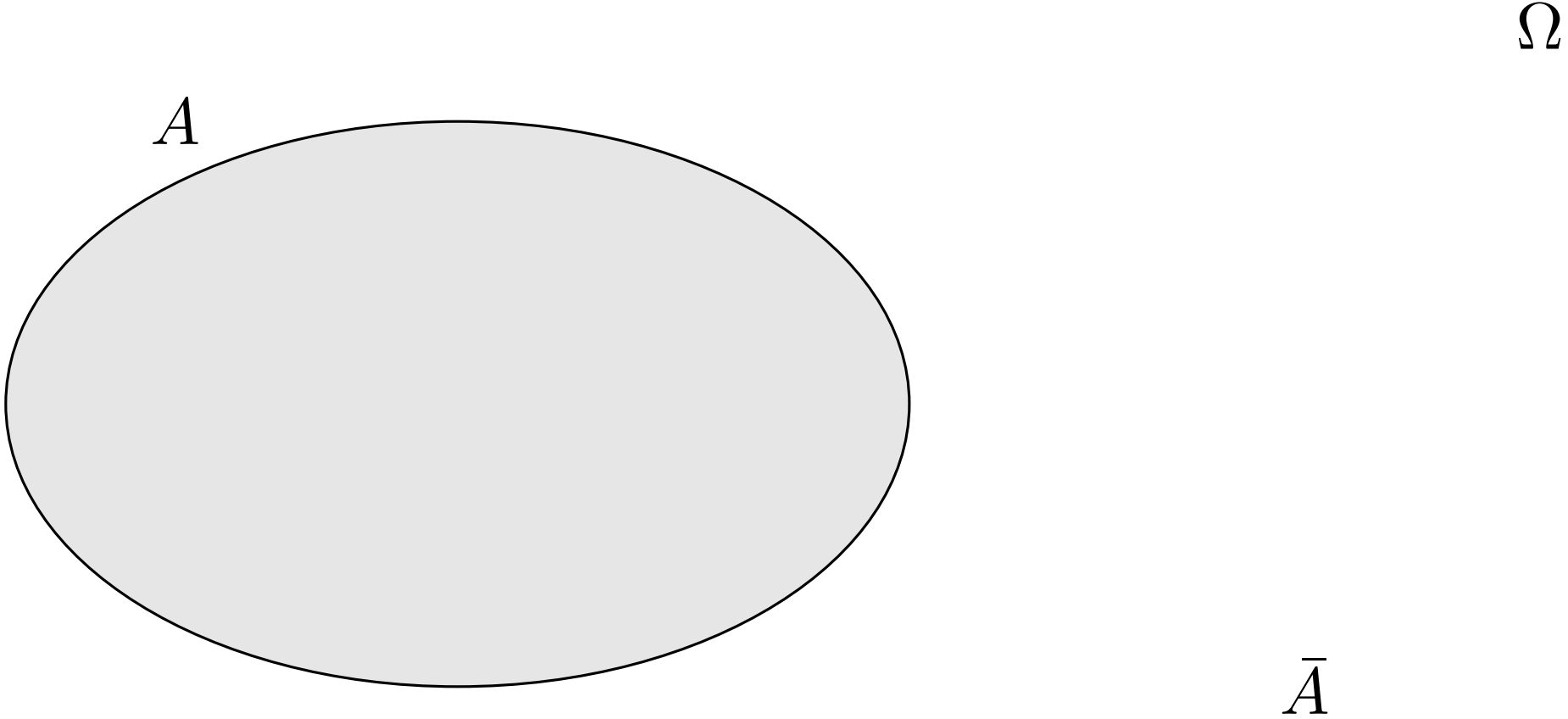
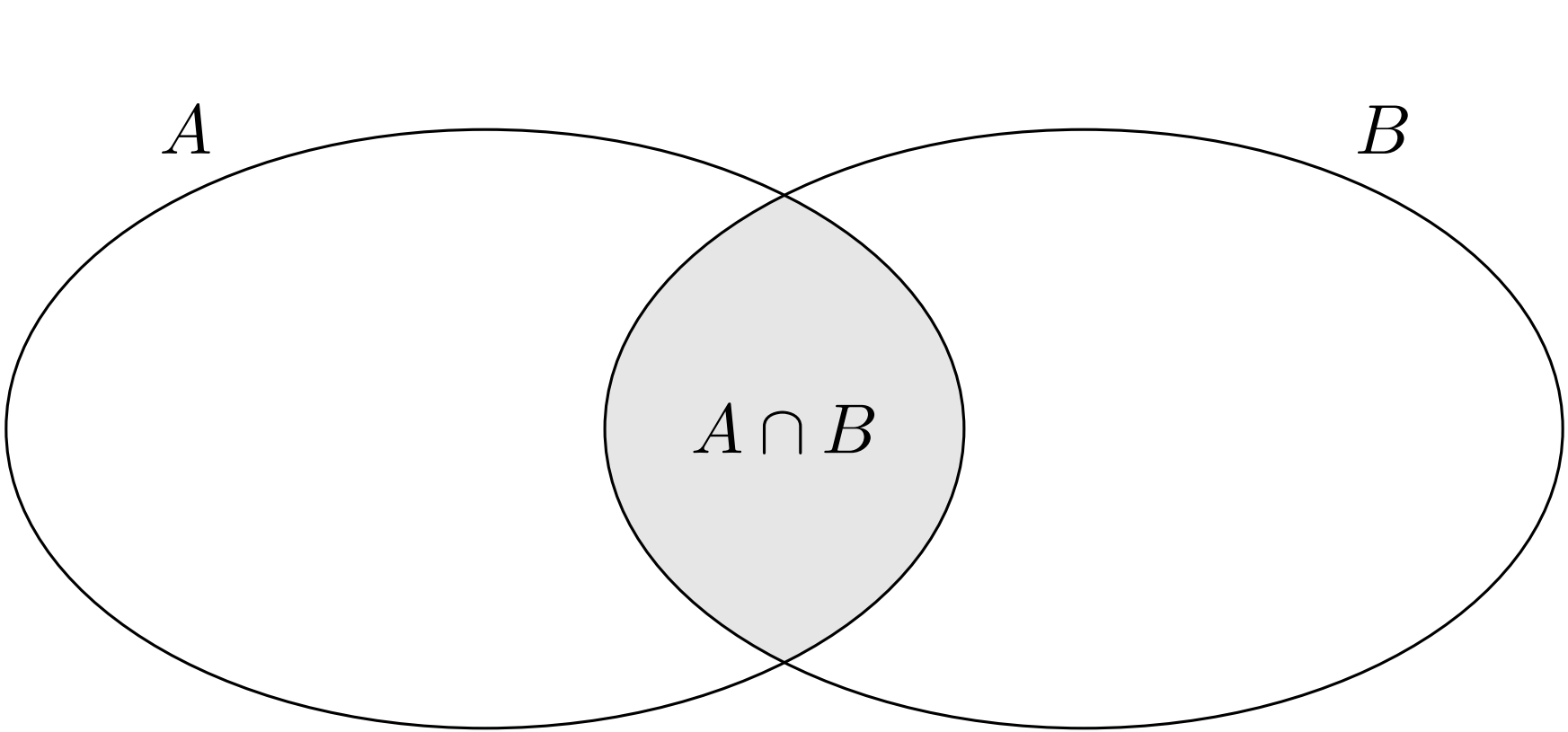
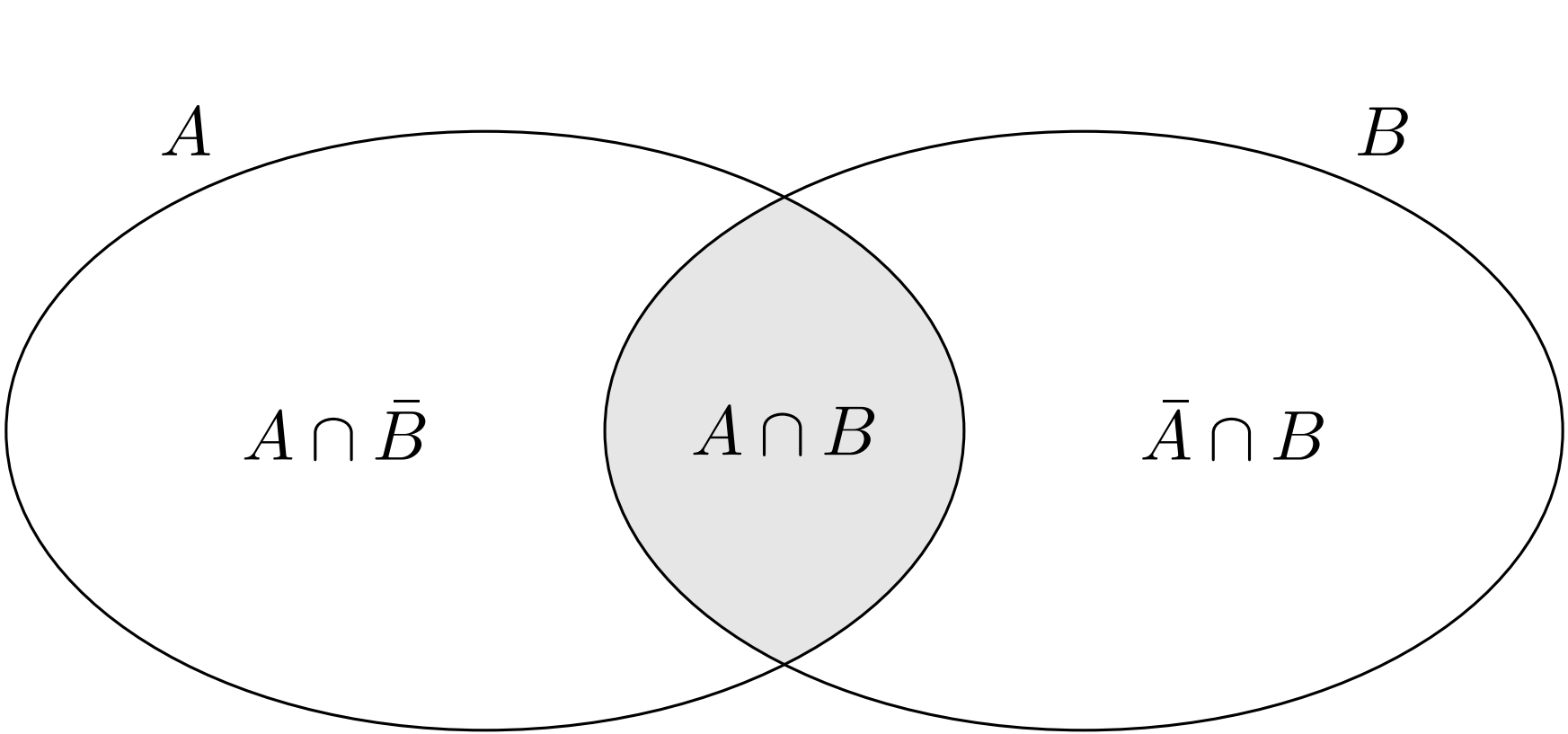
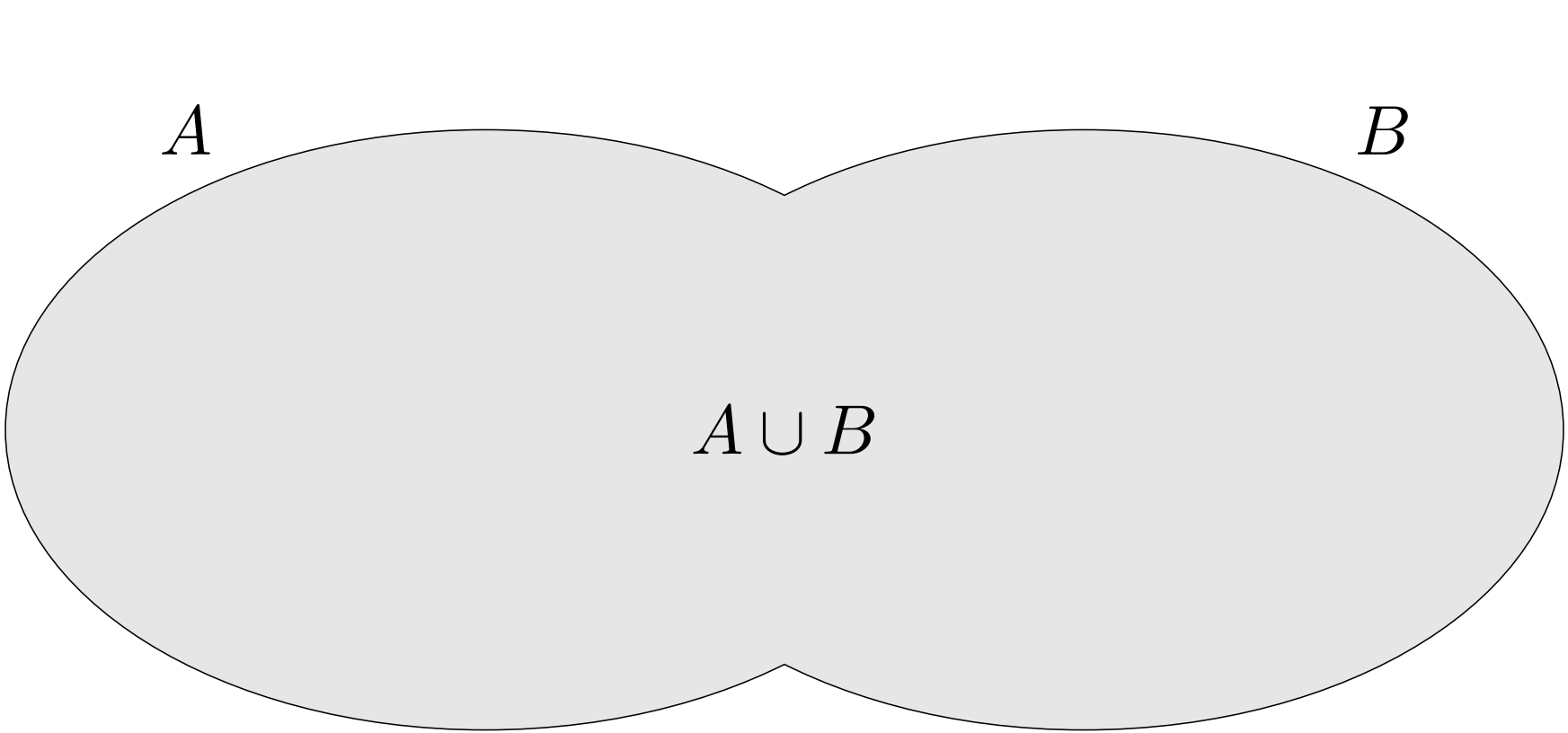
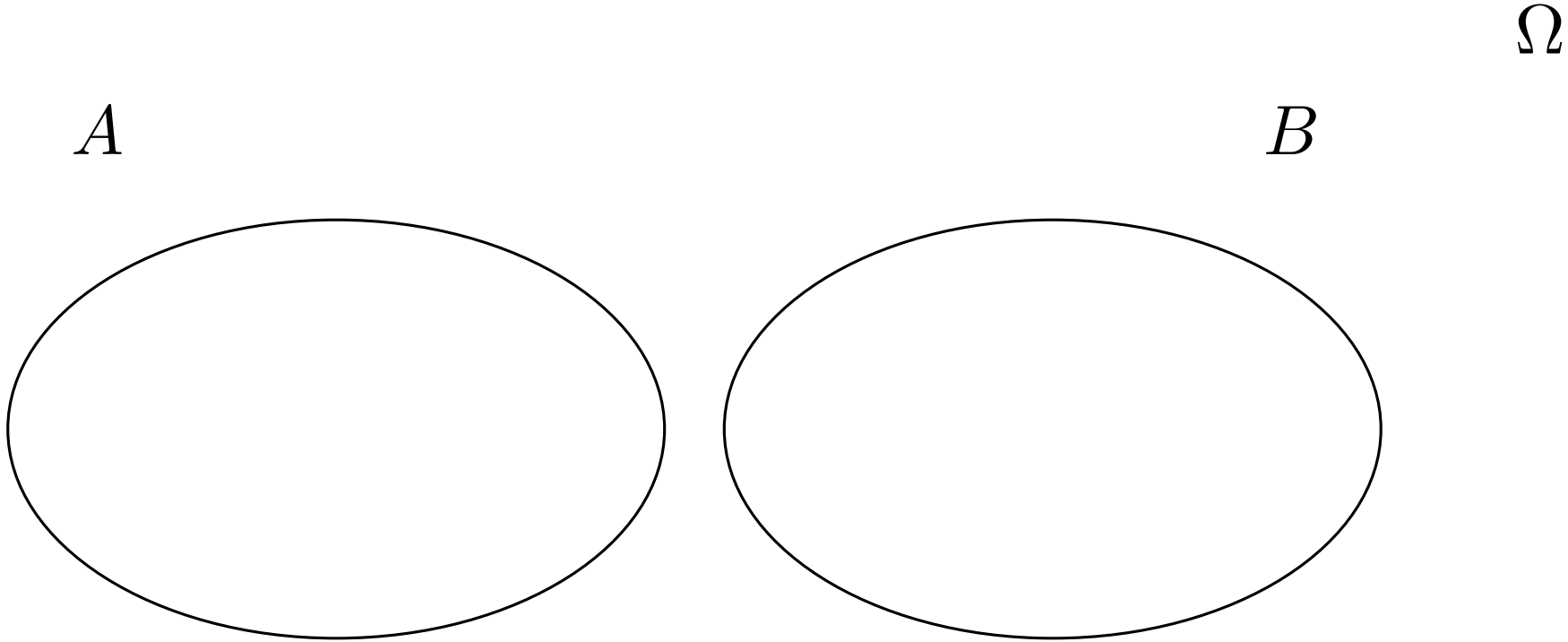
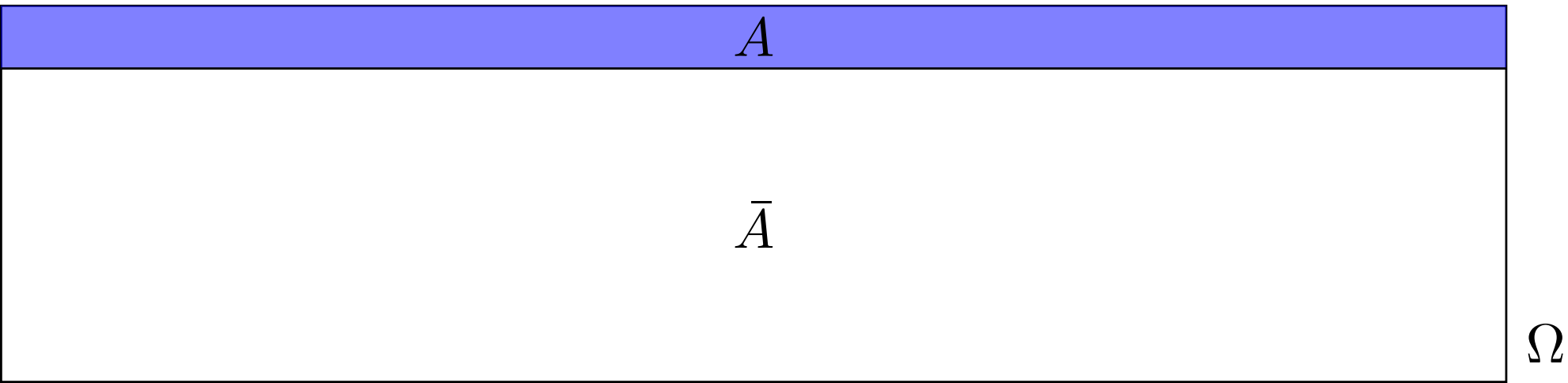

Ω
A
$\bar{A}$

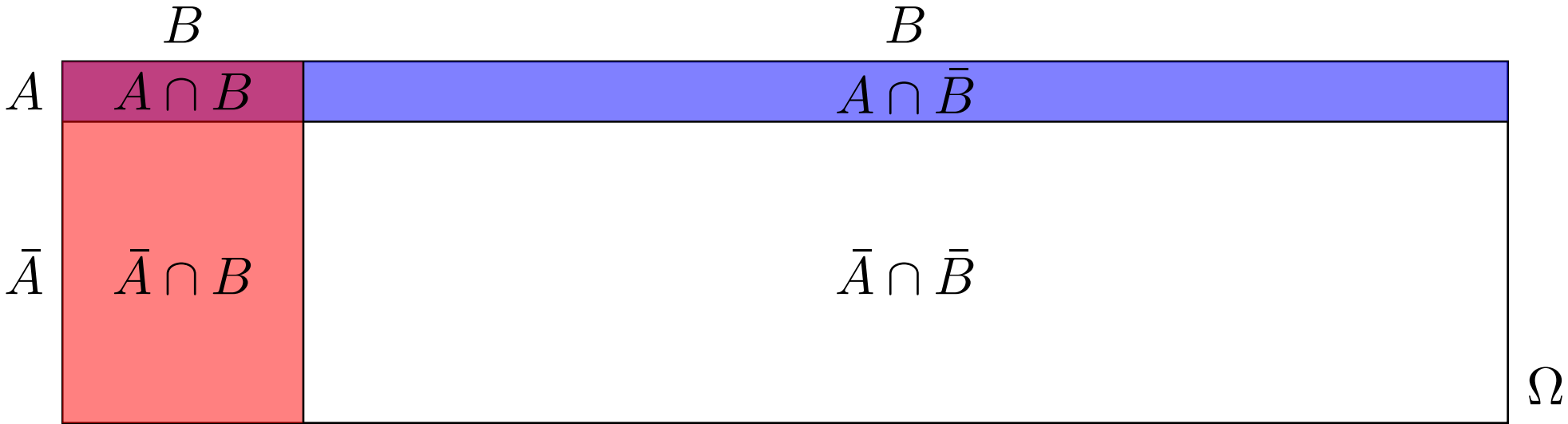

Ω
A
B
$A \cap B$

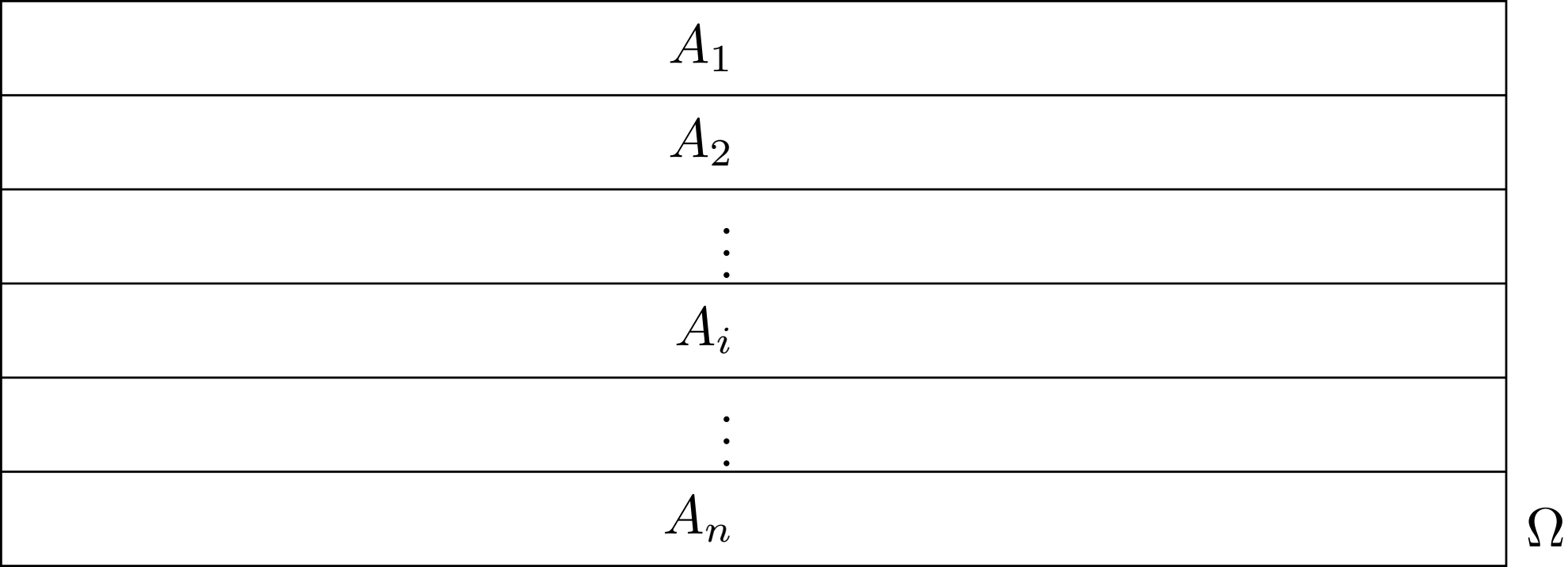

Ω
A
B
$A \cap \bar{B}$
$A \cap B$
$\bar{A} \cap B$

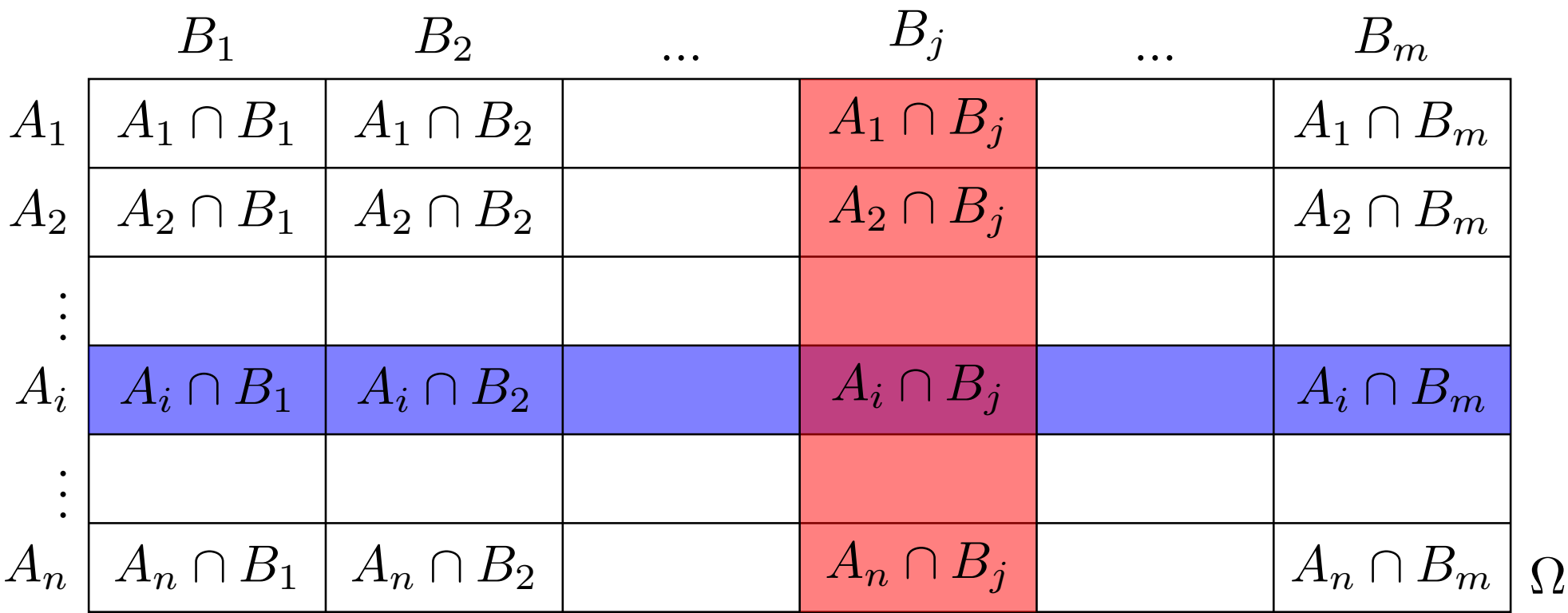

Ω
A
B
$A \cup B$


Ω
A
B


A
$\bar{A}$
Ω


B
$\bar{B}$
A
$A \cap B$
$A \cap \bar{B}$
$\bar{A}$
$\bar{A} \cap B$
$\bar{A} \cap \bar{B}$
Ω


A_1
A_2
A_i
A_n
Ω


B_1 B_2 ... B_j ... B_m
A_1 $A_1 \cap B_1$ $A_1 \cap B_2$ $A_1 \cap B_j$ $A_1 \cap B_m$
A_2 $A_2 \cap B_1$ $A_2 \cap B_2$ $A_2 \cap B_j$ $A_2 \cap B_m$
A_i $A_i \cap B_1$ $A_i \cap B_2$ $A_i \cap B_j$ $A_i \cap B_m$
A_n $A_n \cap B_1$ $A_n \cap B_2$ $A_n \cap B_j$ $A_n \cap B_m$
Ω