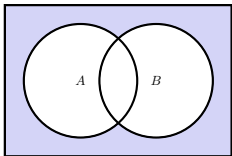
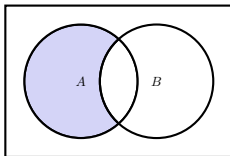


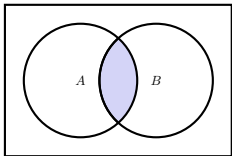
Region 1: $\overline{A} \cap \overline{B}$



Region 2: $A \setminus B = A \cap \overline{B}$



Region 3: $A \cap B$



Region 4: $B \setminus A = B \cap \overline{A}$

