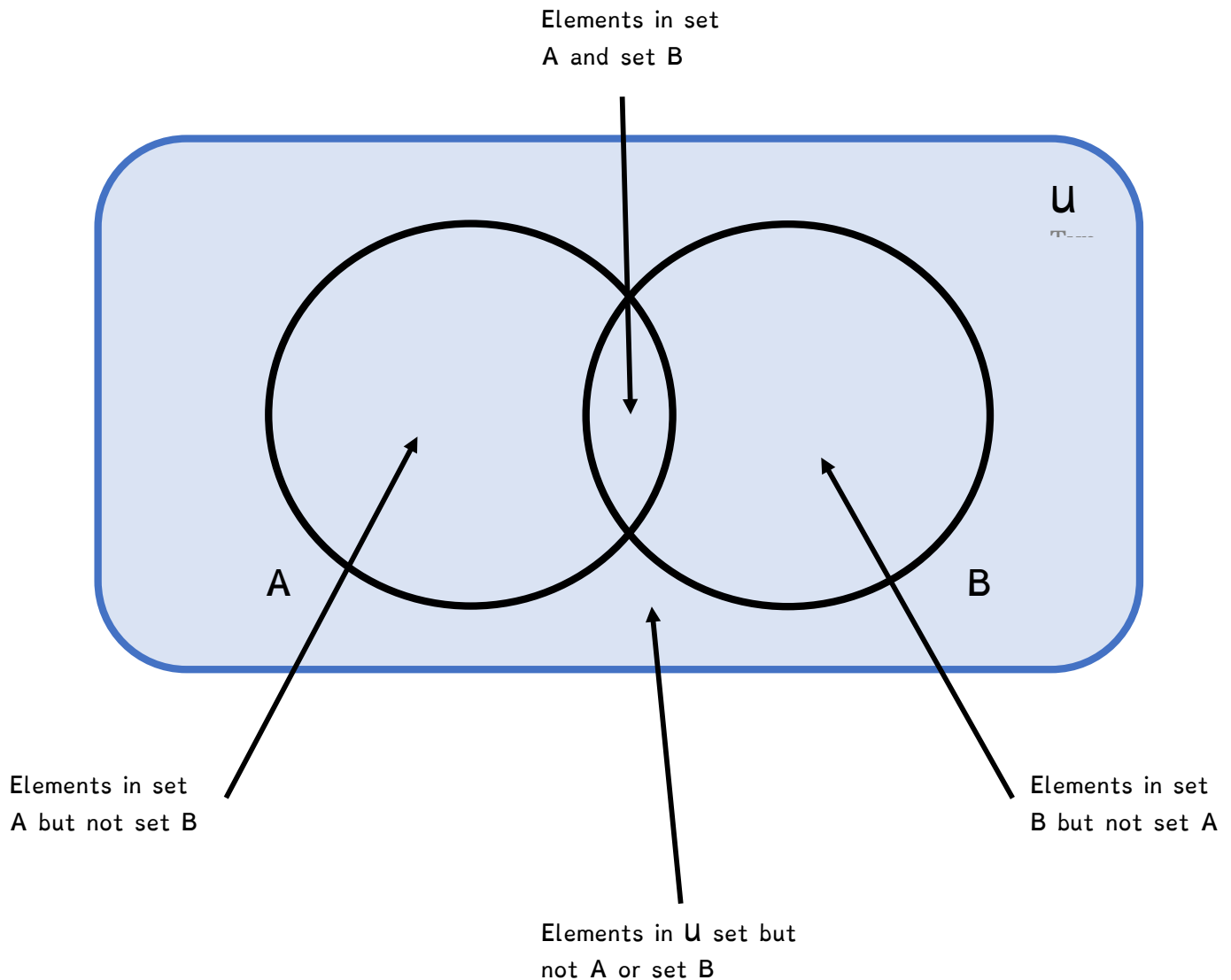


Relationships Between Sets



Key Ideas

- Sets that are not disjoint share common elements
- Each area of a Venn diagram represents something different
- When two non-disjoint sets are represented in a Venn diagram, you can count the elements in both sets by counting the elements in each region of the diagram just once.
- Each element in a universal set appears only once in a Venn diagram
- If an element occurs in more than one set, it is placed in the area of the Venn Diagram where the sets overlap.