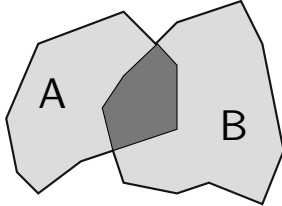


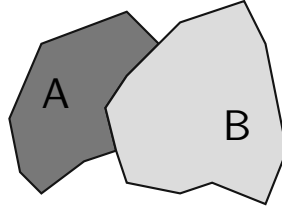
$$A \cup B = \{x \in A \vee x \in B\}$$

union



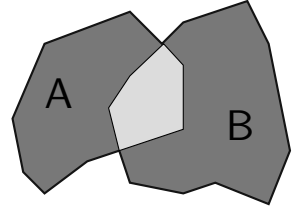
$$A \cap B = \{x \in A \wedge x \in B\}$$

intersection



$$A \setminus B = \{x \in A \mid x \notin B\}$$

difference/  
relative complement



$$A \Delta B = \{x \in A \oplus x \notin B\}$$

symmetric  
difference