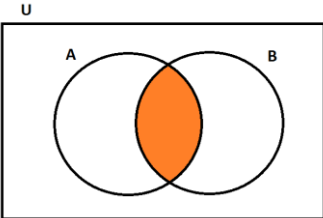
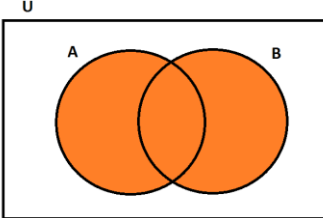
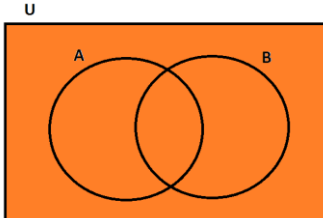
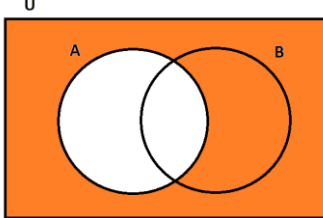
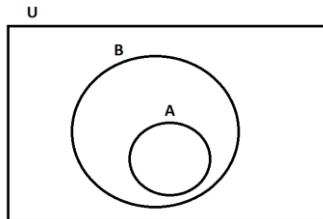


MATH 126

More on Sets/Operations/Notation

Description	Notation	Meaning	Visual
the intersection of sets A and B	$A \cap B$	elements they have in common	
the union of sets A and B	$A \cup B$	elements in A or in B or in both A and B	
the universal set	U	the set containing all objects or elements under consideration	
the complement of A	A' or \bar{A}	everything not in set A	
A is a subset of B	$A \subseteq B$	any element in A is also in B	
A and B are disjoint sets	$A \cap B = \emptyset$	the sets have nothing in common; \emptyset is the empty set	