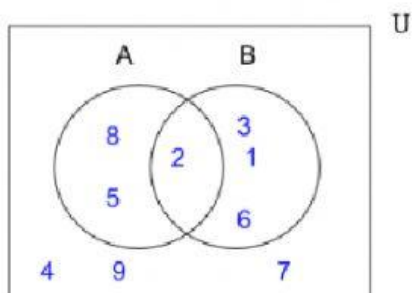


Test – Set Operations

Use the Venn diagram below, answer the following question



1. $A \cup B$	=	
2. $A \cap B$	=	
3. $(A \cup B)'$	=	
4. $B - A$	=	
5. $B' \cap A$	=	
A Venn diagram showing three overlapping circles, A, B, and C, within a universal set U. Circle A contains the elements 10, 7, 5, and 8. Circle B contains the elements 2, 4, 3, 1, and 9. Circle C contains the elements 5, 8, 3, 1, and 9. The intersection of A and B contains the element 7. The intersection of A and C contains the element 5. The intersection of B and C contains the element 3. The intersection of A, B, and C contains the element 4.		
6. $A - C$	=	
7. $(A \cup B \cup C)'$	=	
8. $(A \cap B) \cap C$	=	
9. $(A \cup B) \cap C$	=	
10. $(A \cap B) - C$	=	