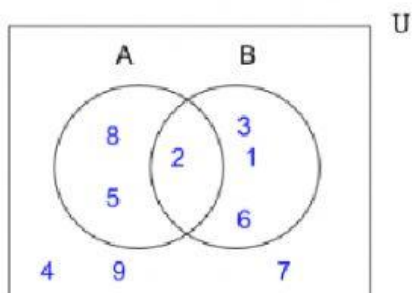


Test – Set Operations

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. $B' \cap A$	=	
Venn diagram showing three overlapping sets A, B, and C within a universal set U. The elements are distributed as follows: - Set A only: {10} - Set B only: {2, 4} - Set C only: {8} - Intersection of A and B: {7} - Intersection of A and C: {5} - Intersection of B and C: {1, 9} - Intersection of A, B, and C: {4, 3}		
6. $A - C$	=	
7. $(A \cup B \cup C)'$	=	
8. $(A \cap B) \cap C$	=	
9. $(A \cup B) \cap C$	=	
10. $(A \cap B) - C$	=	