

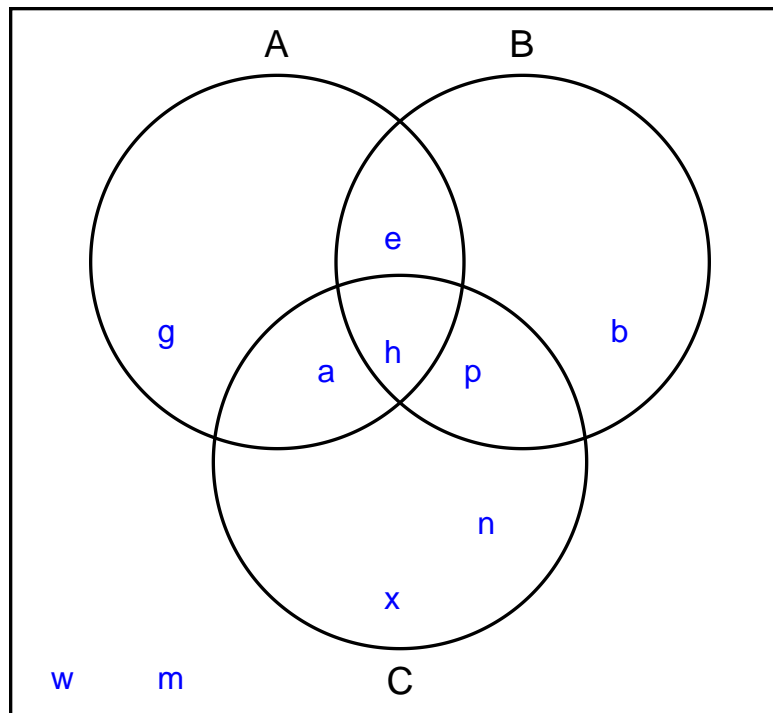
Name : _____

Score : _____

Teacher : _____

Date : _____

Solve the Problems Using the Venn Diagrams



- 1) $C' \cap (A \cap B)'$ = _____
- 2) $(A \cup C) \cap B$ = _____
- 3) $A' \cap (C - B)'$ = _____
- 4) $(B \cup C) - A$ = _____
- 5) $C \cup (B - A)$ = _____
- 6) $B - (A \cap C)$ = _____
- 7) $B \cup (A - C)$ = _____
- 8) $(A \cup B)' \cup C$ = _____
- 9) $A' \cap (B \cap C)'$ = _____
- 10) $B' \cap (A - C)'$ = _____

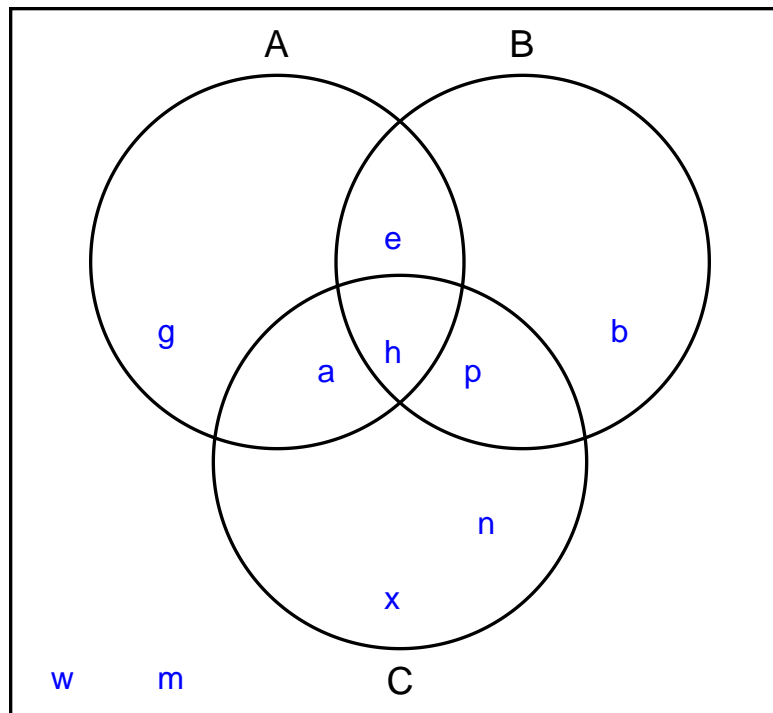
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Solve the Problems Using the Venn Diagrams



- 1) $C' \cap (A \cap B)'$ = { g,b,w,m }
- 2) $(A \cup C) \cap B$ = { e,p,h }
- 3) $A' \cap (C - B)'$ = { b,p,w,m }
- 4) $(B \cup C) - A$ = { b,x,n,p }
- 5) $C \cup (B - A)$ = { b,x,n,p,a,h }
- 6) $B - (A \cap C)$ = { b,e,p }
- 7) $B \cup (A - C)$ = { g,b,e,p,h }
- 8) $(A \cup B)' \cup C$ = { x,n,p,a,h,w,m }
- 9) $A' \cap (B \cap C)'$ = { b,x,n,w,m }
- 10) $B' \cap (A - C)'$ = { x,n,a,w,m }