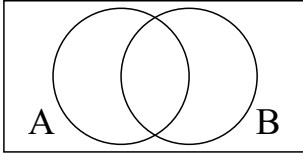


Venn Diagrams

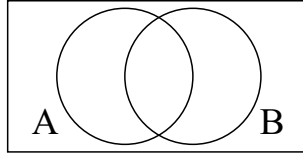
Answer on this sheet

1: Shade the following regions:

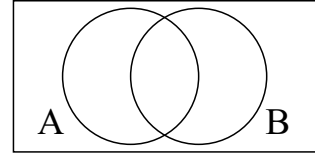
a) $A' \cap B$



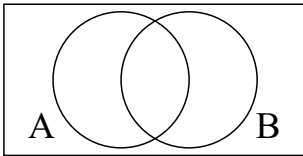
b) $A \cap B$



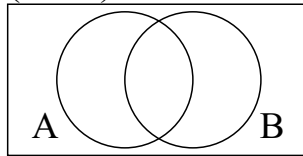
c) $A \cap B'$



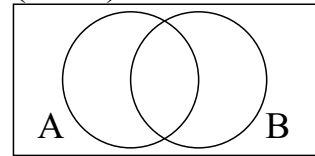
d) $A' \cap B'$



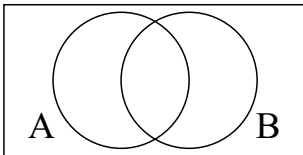
e) $(A \cap B)'$



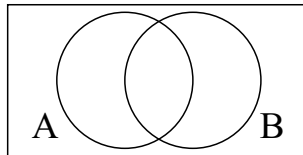
f) $(A \cup B)'$



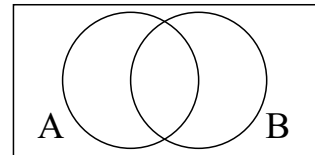
g) A'



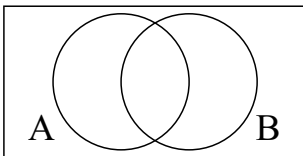
h) $A \cup B'$



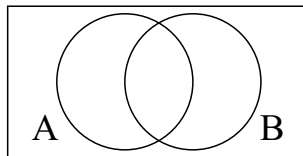
i) $A \cup B$



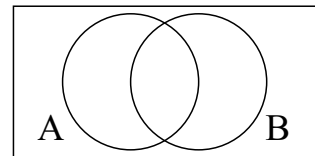
j) $A' \cup B$



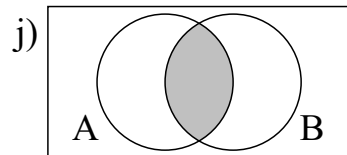
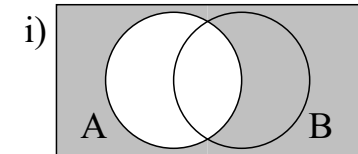
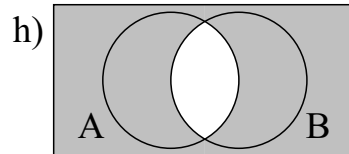
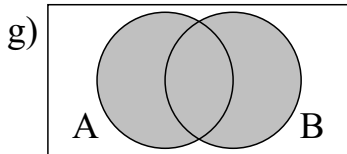
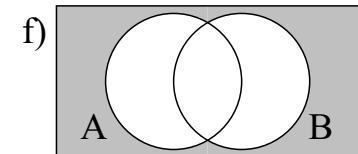
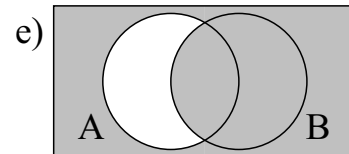
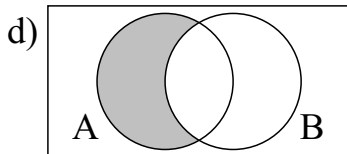
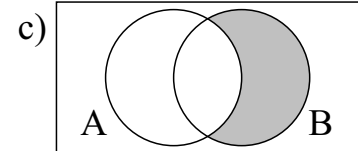
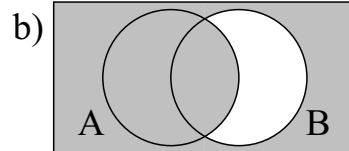
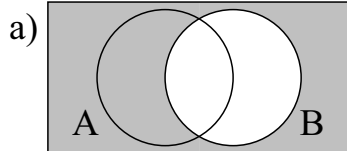
k) $A' \cup B'$



l) B'

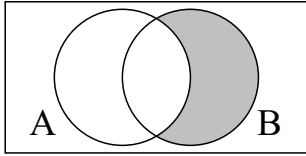


2: Identify the following regions:

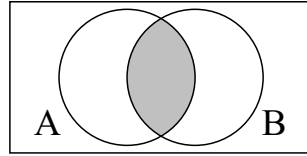


Answers: Venn Diagrams

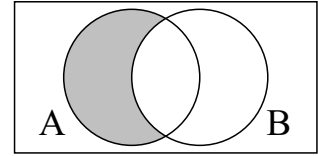
1: a) $A' \cap B$



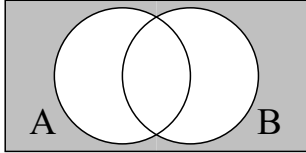
b) $A \cap B$



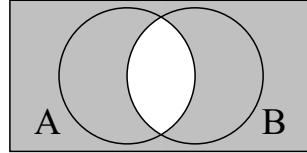
c) $A \cap B'$



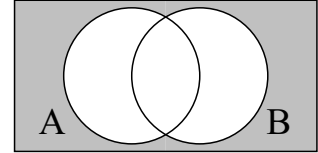
d) $A' \cap B'$



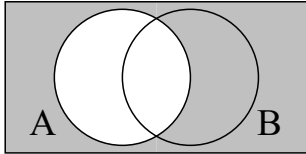
e) $(A \cap B)'$



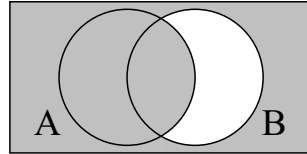
f) $(A \cup B)'$



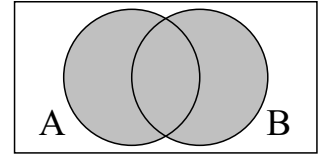
g) A'



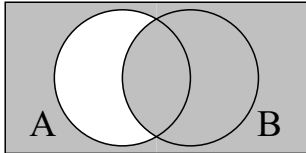
h) $A \cup B'$



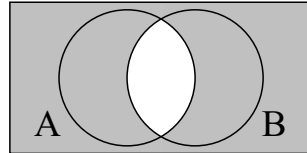
i) $A \cup B$



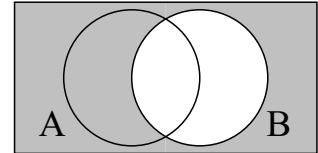
j) $A' \cup B$



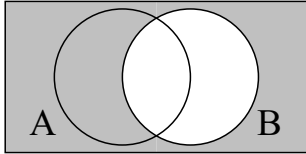
k) $A' \cup B'$



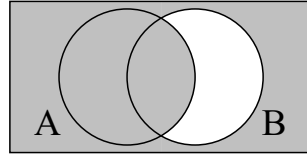
l) B'



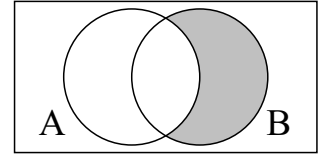
2: a) B'



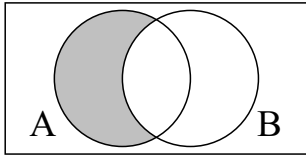
b) $A \cup B'$



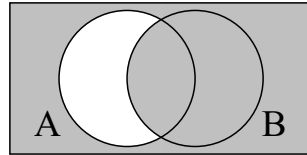
c) $A' \cap B$



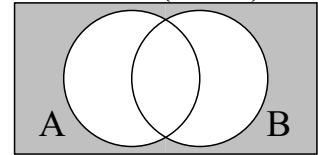
d) $A \cap B'$



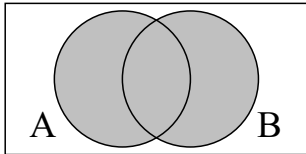
e) $A' \cup B$



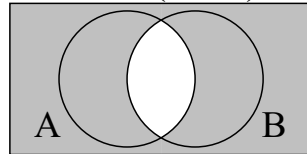
f) $A' \cap B'$ or $(A \cup B)'$



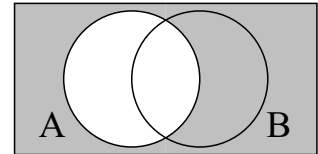
g) $A \cup B$



h) $A' \cup B'$ or $(A \cap B)'$



i) A'



j) $A \cap B$

