

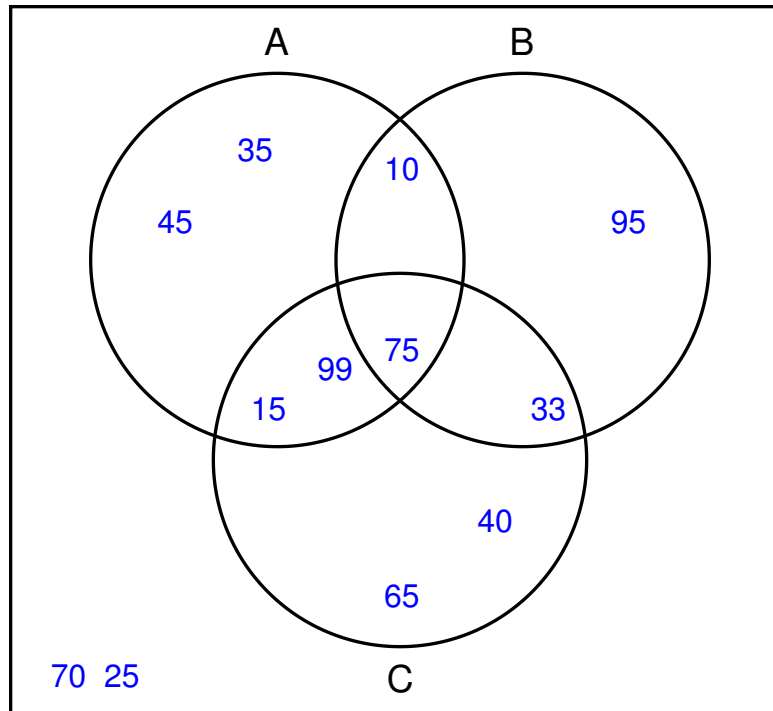
Name : _____

Score : _____

Teacher : _____

Date : _____

Solve the Problems Using the Venn Diagrams



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



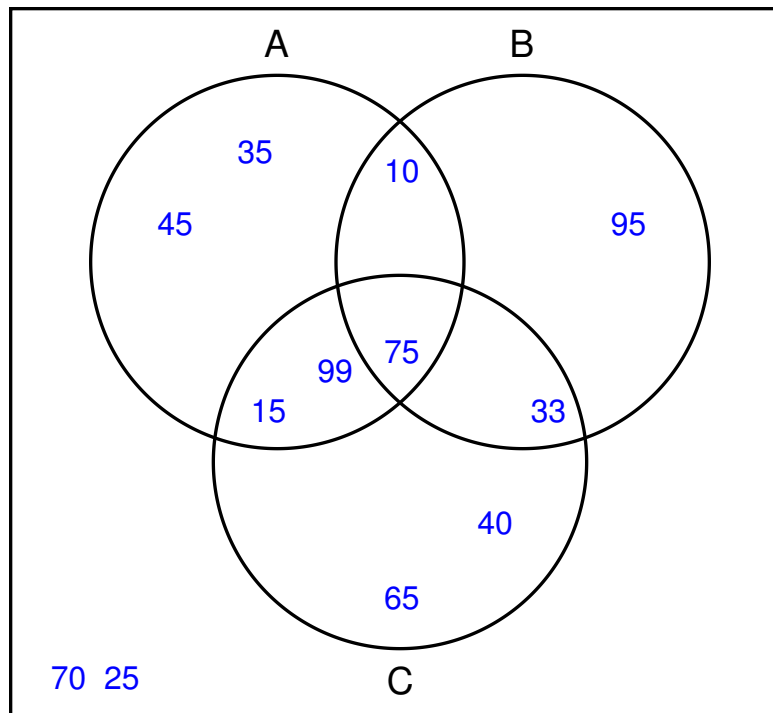
Name : _____

Score : _____

Teacher : _____

Date : _____

Solve the Problems Using the Venn Diagrams



- 1) $B \cup (A - C) = \{ 35, 45, 95, 10, 33, 75 \}$ _____
- 2) $A \cup (C - B) = \{ 35, 45, 65, 40, 10, 99, 15, 75 \}$ _____
- 3) $(A \cup C) \cap B = \{ 10, 33, 75 \}$ _____
- 4) $A \cap B \cap C = \{ 75 \}$ _____
- 5) $C - (A \cup B) = \{ 65, 40 \}$ _____
- 6) $B' \cup (A \cup C) = \{ 35, 45, 65, 40, 10, 33, 99, 15, 75, 70, 25 \}$ _____
- 7) $B' \cap (A \cap C)' = \{ 35, 45, 65, 40, 70, 25 \}$ _____
- 8) $(A \cup C)' \cup B' = \{ 35, 45, 95, 65, 40, 99, 15, 70, 25 \}$ _____
- 9) $A - (B \cup C) = \{ 35, 45 \}$ _____
- 10) $(A \cap B) - C = \{ 10 \}$ _____

