

Set02 Answers for No.9363

$$AnsI = \begin{bmatrix} n(A \cup B) = 34 & n(A') = 29 & n(B') = 30 \\ n(A - B) = 15 & n(B - A) = 14 & n(A \cup B') = 35 \\ n(A' \cup B') = 44 & n(A - B') = 5 & n((A \cap B)') = 44 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 43 & n(A - B) = 16 & n(A' \cap C') = 14 \\ n(C - A) = 11 & n(\text{intersect}(A, C, B')) = 10 & n((A \cup B') - C) = 17 \\ n(C \cap (A' \cup B')) = 5 & n(C - (A \cap B)) = 21 & n(A - B - C) = 6 \end{bmatrix}$$

$$Ans3 = [ans.1 = 38, ans.2 = 57, ans.3 = 23], \quad , \quad Ans4 = 16, \quad , \quad Ans5 = 17$$

$$Ans6 = 13, \quad , \quad Ans7 = 9, \quad , \quad Ans8 = 66, \quad , \quad Ans9 = 13, \quad , \quad Ans10 = 110$$

Set02 Answers for No.9435

$$Ans I = \begin{bmatrix} n(A \cup B) = 26 & n(A') = 14 & n(B') = 11 \\ n(A - B) = 5 & n(B - A) = 8 & n(A \cup B') = 24 \\ n(A' \cup B') = 19 & n(A - B') = 13 & n((A \cap B)') = 19 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 31 & n(A - B) = 7 & n(A' \cap C') = 12 \\ n(C - A) = 13 & n(\text{intersect}(A, C, B')) = 6 & n((A \cup B') - C) = 14 \\ n(C \cap (A' \cup B')) = 2 & n(C - (A \cap B)) = 19 & n(A - B - C) = 1 \end{bmatrix}$$

$$Ans3 = [ans.1 = 38, ans.2 = 49, ans.3 = 15], \quad , \quad Ans4 = 21, \quad , \quad Ans5 = 21$$

$Ans6 = 11$, , $Ans7 = 9$, , $Ans8 = 48$, , $Ans9 = 5$, , $Ans10 = 80$

Set02 Answers for No.9484

$$Ans1 = \begin{bmatrix} n(A \cup B) = 24 & n(A') = 23 & n(B') = 20 \\ n(A - B) = 7 & n(B - A) = 10 & n(A \cup B') = 27 \\ n(A' \cup B') = 30 & n(A - B') = 7 & n((A \cap B)') = 30 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 32 & n(A - B) = 11 & n(A' \cap C') = 11 \\ n(C - A) = 4 & n(\text{intersect}(A, C, B')) = 5 & n((A \cup B') - C) = 22 \\ n(C \cap (A' \cup B')) = 6 & n(C - (A \cap B)) = 9 & n(A - B - C) = 6 \end{bmatrix}$$

$$Ans3 = [ans.1 = 42, ans.2 = 58, ans.3 = 14], \quad , \quad Ans4 = 12, \quad , \quad Ans5 = 13$$

$$Ans6 = 9, \quad , \quad Ans7 = 5, \quad , \quad Ans8 = 50, \quad , \quad Ans9 = 15, \quad , \quad Ans10 = 40$$

Set02 Answers for No.9503

$$Ans1 = \begin{bmatrix} n(A \cup B) = 26 & n(A') = 18 & n(B') = 22 \\ n(A - B) = 12 & n(B - A) = 8 & n(A \cup B') = 28 \\ n(A' \cup B') = 30 & n(A - B') = 6 & n((A \cap B)') = 30 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 36 & n(A - B) = 7 & n(A' \cap C') = 10 \\ n(C - A) = 10 & n(\text{intersect}(A, C, B')) = 7 & n((A \cup B') - C) = 18 \\ n(C \cap (A' \cup B')) = 9 & n(C - (A \cap B)) = 17 & n(A - B - C) = 0 \end{bmatrix}$$

$$Ans3 = [ans.1 = 33, ans.2 = 60, ans.3 = 11], \quad , \quad Ans4 = 14, \quad , \quad Ans5 = 13$$

$Ans6 = 6,$, $Ans7 = 0,$, $Ans8 = 40,$, $Ans9 = 13,$, $Ans10 = 20$

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$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 41 & n(A - B) = 8 & n(A' \cap C') = 17 \\ n(C - A) = 17 & n(\text{intersect}(A, C, B')) = 1 & n((A \cup B') - C) = 18 \\ n(C \cap (A' \cup B')) = 4 & n(C - (A \cap B)) = 18 & n(A - B - C) = 7 \end{bmatrix}$$

$Ans6 = 8,$, $Ans7 = 9,$, $Ans8 = 50,$, $Ans9 = 18,$, $Ans10 = 120$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 25 & n(A - B) = 11 & n(A' \cap C') = 7 \\ n(C - A) = 8 & n(\text{intersect}(A, C, B')) = 8 & n((A \cup B') - C) = 9 \\ n(C \cap (A' \cup B')) = 3 & n(C - (A \cap B)) = 16 & n(A - B - C) = 3 \end{bmatrix}$$

$Ans6 = 16,$, $Ans7 = 6,$, $Ans8 = 44,$, $Ans9 = 16,$, $Ans10 = 90$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 44 & n(A - B) = 11 & n(A' \cap C') = 13 \\ n(C - A) = 14 & n(\text{intersect}(A, C, B')) = 2 & n((A \cup B') - C) = 18 \\ n(C \cap (A' \cup B')) = 3 & n(C - (A \cap B)) = 16 & n(A - B - C) = 9 \end{bmatrix}$$

$$Ans6 = 17, \quad , \quad Ans7 = 0, \quad , \quad Ans8 = 45, \quad , \quad Ans9 = 18, \quad , \quad Ans10 = 30$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 38 & n(A - B) = 7 & n(A' \cap C') = 11 \\ n(C - A) = 9 & n(\text{intersect}(A, C, B')) = 3 & n((A \cup B') - C) = 13 \\ n(C \cap (A' \cup B')) = 6 & n(C - (A \cap B)) = 12 & n(A - B - C) = 4 \end{bmatrix}$$

$Ans6 = 12,$, $Ans7 = 4,$, $Ans8 = 59,$, $Ans9 = 10,$, $Ans10 = 110$

$$Ans I = \begin{bmatrix} n(A \cup B) = 22 & n(A') = 24 & n(B') = 21 \\ n(A - B) = 6 & n(B - A) = 9 & n(A \cup B') = 28 \\ n(A' \cup B') = 30 & n(A - B') = 7 & n((A \cap B)') = 30 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 32 & n(A - B) = 11 & n(A' \cap C') = 9 \\ n(C - A) = 12 & n(\text{intersect}(A, C, B')) = 3 & n((A \cup B') - C) = 18 \\ n(C \cap (A' \cup B')) = 6 & n(C - (A \cap B)) = 15 & n(A - B - C) = 8 \end{bmatrix}$$

$$Ans3 = [ans.1 = 40, ans.2 = 59, ans.3 = 23], \quad Ans4 = 7, \quad Ans5 = 15$$

$Ans6 = 15,$, $Ans7 = 6,$, $Ans8 = 64,$, $Ans9 = 18,$, $Ans10 = 80$

$$Ans I = \begin{bmatrix} n(A \cup B) = 39 & n(A') = 26 & n(B') = 23 \\ n(A - B) = 12 & n(B - A) = 15 & n(A \cup B') = 35 \\ n(A' \cup B') = 38 & n(A - B') = 12 & n((A \cap B)') = 38 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 34 & n(A - B) = 10 & n(A' \cap C') = 13 \\ n(C - A) = 6 & n(\text{intersect}(A, C, B')) = 5 & n((A \cup B') - C) = 13 \\ n(C \cap (A' \cup B')) = 3 & n(C - (A \cap B)) = 11 & n(A - B - C) = 5 \end{bmatrix}$$

$$Ans3 = [ans.1 = 30, ans.2 = 51, ans.3 = 14], \quad , \quad Ans4 = 15, \quad , \quad Ans5 = 21$$

$$Ans6 = 15, \quad , \quad Ans7 = 9, \quad , \quad Ans8 = 60, \quad , \quad Ans9 = 22, \quad , \quad Ans10 = 130$$

$$Ans I = \begin{bmatrix} n(A \cup B) = 26 & n(A') = 21 & n(B') = 18 \\ n(A - B) = 8 & n(B - A) = 11 & n(A \cup B') = 25 \\ n(A' \cup B') = 29 & n(A - B') = 7 & n((A \cap B)') = 29 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 34 & n(A - B) = 19 & n(A' \cap C') = 6 \\ n(C - A) = 11 & n(\text{intersect}(A, C, B')) = 10 & n((A \cup B') - C) = 15 \\ n(C \cap (A' \cup B')) = 2 & n(C - (A \cap B)) = 21 & n(A - B - C) = 9 \end{bmatrix}$$

$$Ans3 = [ans.1 = 49, ans.2 = 65, ans.3 = 21], \quad , \quad Ans4 = 13, \quad , \quad Ans5 = 21$$

$Ans6 = 10$, , $Ans7 = 10$, , $Ans8 = 67$, , $Ans9 = 11$, , $Ans10 = 90$

$$AnsI = \begin{bmatrix} n(A \cup B) = 30 & n(A') = 15 & n(B') = 19 \\ n(A - B) = 14 & n(B - A) = 10 & n(A \cup B') = 25 \\ n(A' \cup B') = 29 & n(A - B') = 6 & n((A \cap B)') = 29 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 29 & n(A - B) = 1 & n(A' \cap C') = 7 \\ n(C - A) = 13 & n(\text{intersect}(A, C, B')) = 0 & n((A \cup B') - C) = 6 \\ n(C \cap (A' \cup B')) = 7 & n(C - (A \cap B)) = 13 & n(A - B - C) = 1 \end{bmatrix}$$

$$Ans3 = [ans.1 = 51, ans.2 = 76, ans.3 = 14], \quad , \quad Ans4 = 13, \quad , \quad Ans5 = 18$$

$Ans6 = 17$, , $Ans7 = 8$, , $Ans8 = 37$, , $Ans9 = 20$, , $Ans10 = 70$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 33 & n(A - B) = 9 & n(A' \cap C') = 4 \\ n(C - A) = 10 & n(\text{intersect}(A, C, B')) = 2 & n((A \cup B') - C) = 14 \\ n(C \cap (A' \cup B')) = 3 & n(C - (A \cap B)) = 12 & n(A - B - C) = 7 \end{bmatrix}$$

$Ans6 = 14$, , $Ans7 = 3$, , $Ans8 = 43$, , $Ans9 = 2$, , $Ans10 = 60$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 38 & n(A - B) = 6 & n(A' \cap C') = 10 \\ n(C - A) = 17 & n(\text{intersect}(A, C, B')) = 4 & n((A \cup B') - C) = 9 \\ n(C \cap (A' \cup B')) = 8 & n(C - (A \cap B)) = 21 & n(A - B - C) = 2 \end{bmatrix}$$

$$Ans6 = 12, \quad , \quad Ans7 = 1, \quad , \quad Ans8 = 46, \quad , \quad Ans9 = 10, \quad , \quad Ans10 = 150$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 29 & n(A - B) = 2 & n(A' \cap C') = 14 \\ n(C - A) = 13 & n(\text{intersect}(A, C, B')) = 1 & n((A \cup B') - C) = 15 \\ n(C \cap (A' \cup B')) = 2 & n(C - (A \cap B)) = 14 & n(A - B - C) = 1 \end{bmatrix}$$

Ans6 = 14, , *Ans7* = 5, , *Ans8* = 51, , *Ans9* = 25, , *Ans10* = 80

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 46 & n(A - B) = 14 & n(A' \cap C') = 14 \\ n(C - A) = 14 & n(\text{intersect}(A, C, B')) = 8 & n((A \cup B') - C) = 13 \\ n(C \cap (A' \cup B')) = 7 & n(C - (A \cap B)) = 22 & n(A - B - C) = 6 \end{bmatrix}$$

$Ans6 = 14$, , $Ans7 = 5$, , $Ans8 = 57$, , $Ans9 = 3$, , $Ans10 = 40$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 32 & n(A - B) = 13 & n(A' \cap C') = 6 \\ n(C - A) = 9 & n(\text{intersect}(A, C, B')) = 4 & n((A \cup B') - C) = 15 \\ n(C \cap (A' \cup B')) = 4 & n(C - (A \cap B)) = 13 & n(A - B - C) = 9 \end{bmatrix}$$

$Ans6 = 15$, , $Ans7 = 4$, , $Ans8 = 39$, , $Ans9 = 15$, , $Ans10 = 100$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 19 & n(A - B) = 5 & n(A' \cap C') = 12 \\ n(C - A) = 6 & n(\text{intersect}(A, C, B')) = 1 & n((A \cup B') - C) = 14 \\ n(C \cap (A' \cup B')) = 6 & n(C - (A \cap B)) = 7 & n(A - B - C) = 4 \end{bmatrix}$$

$Ans6 = 6,$, $Ans7 = 7,$, $Ans8 = 40,$, $Ans9 = 13,$, $Ans10 = 90$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 41 & n(A - B) = 8 & n(A' \cap C') = 14 \\ n(C - A) = 9 & n(\text{intersect}(A, C, B')) = 8 & n((A \cup B') - C) = 11 \\ n(C \cap (A' \cup B')) = 9 & n(C - (A \cap B)) = 17 & n(A - B - C) = 0 \end{bmatrix}$$

$Ans6 = 8$, , $Ans7 = 3$, , $Ans8 = 35$, , $Ans9 = 20$, , $Ans10 = 60$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 21 & n(A - B) = 13 & n(A' \cap C') = 10 \\ n(C - A) = 3 & n(\text{intersect}(A, C, B')) = 3 & n((A \cup B') - C) = 16 \\ n(C \cap (A' \cup B')) = 1 & n(C - (A \cap B)) = 6 & n(A - B - C) = 10 \end{bmatrix}$$

$Ans6 = 15$, , $Ans7 = 5$, , $Ans8 = 46$, , $Ans9 = 17$, , $Ans10 = 130$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 36 & n(A - B) = 10 & n(A' \cap C') = 9 \\ n(C - A) = 15 & n(\text{intersect}(A, C, B')) = 7 & n((A \cup B') - C) = 13 \\ n(C \cap (A' \cup B')) = 8 & n(C - (A \cap B)) = 22 & n(A - B - C) = 3 \end{bmatrix}$$

$Ans6 = 9$, , $Ans7 = 5$, , $Ans8 = 43$, , $Ans9 = 6$, , $Ans10 = 30$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 25 & n(A - B) = 6 & n(A' \cap C') = 10 \\ n(C - A) = 4 & n(\text{intersect}(A, C, B')) = 4 & n((A \cup B') - C) = 15 \\ n(C \cap (A' \cup B')) = 4 & n(C - (A \cap B)) = 8 & n(A - B - C) = 2 \end{bmatrix}$$

$$Ans6 = 11, \quad , \quad Ans7 = 6, \quad , \quad Ans8 = 44, \quad , \quad Ans9 = 6, \quad , \quad Ans10 = 140$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 43 & n(A - B) = 7 & n(A' \cap C') = 15 \\ n(C - A) = 12 & n(\text{intersect}(A, C, B')) = 6 & n((A \cup B') - C) = 20 \\ n(C \cap (A' \cup B')) = 10 & n(C - (A \cap B)) = 18 & n(A - B - C) = 1 \end{bmatrix}$$

$Ans6=7,$, $Ans7=1,$, $Ans8=38,$, $Ans9=1,$, $Ans10=130$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 32 & n(A - B) = 8 & n(A' \cap C') = 6 \\ n(C - A) = 12 & n(\text{intersect}(A, C, B')) = 5 & n((A \cup B') - C) = 7 \\ n(C \cap (A' \cup B')) = 6 & n(C - (A \cap B)) = 17 & n(A - B - C) = 3 \end{bmatrix}$$

$Ans6 = 11$, , $Ans7 = 9$, , $Ans8 = 47$, , $Ans9 = 2$, , $Ans10 = 150$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 41 & n(A - B) = 12 & n(A' \cap C') = 11 \\ n(C - A) = 10 & n(\text{intersect}(A, C, B')) = 7 & n((A \cup B') - C) = 24 \\ n(C \cap (A' \cup B')) = 7 & n(C - (A \cap B)) = 17 & n(A - B - C) = 5 \end{bmatrix}$$

$Ans6 = 8,$, $Ans7 = 7,$, $Ans8 = 47,$, $Ans9 = 6,$, $Ans10 = 50$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 21 & n(A - B) = 9 & n(A' \cap C') = 3 \\ n(C - A) = 8 & n(\text{intersect}(A, C, B')) = 8 & n((A \cup B') - C) = 6 \\ n(C \cap (A' \cup B')) = 0 & n(C - (A \cap B)) = 16 & n(A - B - C) = 1 \end{bmatrix}$$

$Ans6 = 9$, , $Ans7 = 1$, , $Ans8 = 35$, , $Ans9 = 10$, , $Ans10 = 140$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 32 & n(A - B) = 14 & n(A' \cap C') = 10 \\ n(C - A) = 7 & n(\text{intersect}(A, C, B')) = 9 & n((A \cup B') - C) = 12 \\ n(C \cap (A' \cup B')) = 0 & n(C - (A \cap B)) = 16 & n(A - B - C) = 5 \end{bmatrix}$$

$$Ans6 = 14, \quad , \quad Ans7 = 4, \quad , \quad Ans8 = 28, \quad , \quad Ans9 = 15, \quad , \quad Ans10 = 110$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 38 & n(A - B) = 3 & n(A' \cap C') = 17 \\ n(C - A) = 14 & n(\text{intersect}(A, C, B')) = 0 & n((A \cup B') - C) = 13 \\ n(C \cap (A' \cup B')) = 10 & n(C - (A \cap B)) = 14 & n(A - B - C) = 3 \end{bmatrix}$$

Ans6 = 8, , *Ans7* = 7, , *Ans8* = 58, , *Ans9* = 18, , *Ans10* = 130

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 45 & n(A - B) = 8 & n(A' \cap C') = 13 \\ n(C - A) = 13 & n(\text{intersect}(A, C, B')) = 4 & n((A \cup B') - C) = 13 \\ n(C \cap (A' \cup B')) = 8 & n(C - (A \cap B)) = 17 & n(A - B - C) = 4 \end{bmatrix}$$

$Ans6 = 11$, , $Ans7 = 5$, , $Ans8 = 57$, , $Ans9 = 5$, , $Ans10 = 30$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 30 & n(A - B) = 13 & n(A' \cap C') = 3 \\ n(C - A) = 7 & n(\text{intersect}(A, C, B')) = 6 & n((A \cup B') - C) = 14 \\ n(C \cap (A' \cup B')) = 4 & n(C - (A \cap B)) = 13 & n(A - B - C) = 7 \end{bmatrix}$$

Ans6 = 8, , *Ans7* = 6, , *Ans8* = 29, , *Ans9* = 14, , *Ans10* = 40

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 19 & n(A - B) = 7 & n(A' \cap C') = 8 \\ n(C - A) = 8 & n(\text{intersect}(A, C, B')) = 1 & n((A \cup B') - C) = 15 \\ n(C \cap (A' \cup B')) = 3 & n(C - (A \cap B)) = 9 & n(A - B - C) = 6 \end{bmatrix}$$

$$Ans6 = 5, \quad , \quad Ans7 = 4, \quad , \quad Ans8 = 44, \quad , \quad Ans9 = 1, \quad , \quad Ans10 = 100$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 24 & n(A - B) = 3 & n(A' \cap C') = 13 \\ n(C - A) = 11 & n(\text{intersect}(A, C, B')) = 1 & n((A \cup B') - C) = 15 \\ n(C \cap (A' \cup B')) = 0 & n(C - (A \cap B)) = 12 & n(A - B - C) = 2 \end{bmatrix}$$

$Ans6 = 17$, , $Ans7 = 5$, , $Ans8 = 58$, , $Ans9 = 15$, , $Ans10 = 140$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 63 & n(A - B) = 16 & n(A' \cap C') = 12 \\ n(C - A) = 19 & n(\text{intersect}(A, C, B')) = 9 & n((A \cup B') - C) = 18 \\ n(C \cap (A' \cup B')) = 9 & n(C - (A \cap B)) = 28 & n(A - B - C) = 7 \end{bmatrix}$$

$Ans6 = 7$, , $Ans7 = 3$, , $Ans8 = 43$, , $Ans9 = 15$, , $Ans10 = 100$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 42 & n(A - B) = 11 & n(A' \cap C') = 8 \\ n(C - A) = 12 & n(\text{intersect}(A, C, B')) = 2 & n((A \cup B') - C) = 15 \\ n(C \cap (A' \cup B')) = 5 & n(C - (A \cap B)) = 14 & n(A - B - C) = 9 \end{bmatrix}$$

$Ans6 = 15,$, $Ans7 = 2,$, $Ans8 = 42,$, $Ans9 = 8,$, $Ans10 = 130$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 32 & n(A - B) = 11 & n(A' \cap C') = 10 \\ n(C - A) = 13 & n(\text{intersect}(A, C, B')) = 8 & n((A \cup B') - C) = 14 \\ n(C \cap (A' \cup B')) = 5 & n(C - (A \cap B)) = 21 & n(A - B - C) = 3 \end{bmatrix}$$

Ans6 = 8, , *Ans7* = 7, , *Ans8* = 52, , *Ans9* = 12, , *Ans10* = 60

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 37 & n(A - B) = 9 & n(A' \cap C') = 12 \\ n(C - A) = 16 & n(\text{intersect}(A, C, B')) = 4 & n((A \cup B') - C) = 25 \\ n(C \cap (A' \cup B')) = 0 & n(C - (A \cap B)) = 20 & n(A - B - C) = 5 \end{bmatrix}$$

Ans6 = 5, , *Ans7* = 4, , *Ans8* = 38, , *Ans9* = 11, , *Ans10* = 50

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 15 & n(A - B) = 2 & n(A' \cap C') = 3 \\ n(C - A) = 5 & n(\text{intersect}(A, C, B')) = 0 & n((A \cup B') - C) = 9 \\ n(C \cap (A' \cup B')) = 2 & n(C - (A \cap B)) = 5 & n(A - B - C) = 2 \end{bmatrix}$$

Ans6 = 8, , *Ans7* = 10, , *Ans8* = 41, , *Ans9* = 15, , *Ans10* = 90

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 41 & n(A - B) = 20 & n(A' \cap C') = 9 \\ n(C - A) = 9 & n(\text{intersect}(A, C, B')) = 10 & n((A \cup B') - C) = 21 \\ n(C \cap (A' \cup B')) = 0 & n(C - (A \cap B)) = 19 & n(A - B - C) = 10 \end{bmatrix}$$

$Ans6 = 6,$, $Ans7 = 6,$, $Ans8 = 59,$, $Ans9 = 5,$, $Ans10 = 60$

Set02 Answers for No.644223

$$AnsI = \begin{bmatrix} n(A \cup B) = 30 & n(A') = 11 & n(B') = 20 \\ n(A - B) = 15 & n(B - A) = 6 & n(A \cup B') = 29 \\ n(A' \cup B') = 26 & n(A - B') = 9 & n((A \cap B)') = 26 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 30 & n(A - B) = 9 & n(A' \cap C') = 10 \\ n(C - A) = 12 & n(\text{intersect}(A, C, B')) = 6 & n((A \cup B') - C) = 14 \\ n(C \cap (A' \cup B')) = 4 & n(C - (A \cap B)) = 18 & n(A - B - C) = 3 \end{bmatrix}$$

$$Ans3 = [ans.1 = 35, ans.2 = 58, ans.3 = 26], \quad , \quad Ans4 = 13, \quad , \quad Ans5 = 13$$

$$Ans6 = 7, \quad , \quad Ans7 = 8, \quad , \quad Ans8 = 64, \quad , \quad Ans9 = 22, \quad , \quad Ans10 = 140$$

Set02 Answers for No. 644224

$$Ans I = \begin{bmatrix} n(A \cup B) = 30 & n(A') = 21 & n(B') = 17 \\ n(A - B) = 9 & n(B - A) = 13 & n(A \cup B') = 25 \\ n(A' \cup B') = 30 & n(A - B') = 8 & n((A \cap B)') = 30 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 41 & n(A - B) = 14 & n(A' \cap C') = 9 \\ n(C - A) = 14 & n(\text{intersect}(A, C, B')) = 4 & n((A \cup B') - C) = 18 \\ n(C \cap (A' \cup B')) = 10 & n(C - (A \cap B)) = 18 & n(A - B - C) = 10 \end{bmatrix}$$

$$Ans3 = [ans.1 = 39, ans.2 = 51, ans.3 = 27], \quad , \quad Ans4 = 17, \quad , \quad Ans5 = 24$$

$Ans6 = 9$, , $Ans7 = 9$, , $Ans8 = 48$, , $Ans9 = 16$, , $Ans10 = 80$

Set02 Answers for No.644225

$$Ans I = \begin{bmatrix} n(A \cup B) = 25 & n(A') = 17 & n(B') = 25 \\ n(A - B) = 13 & n(B - A) = 5 & n(A \cup B') = 32 \\ n(A' \cup B') = 30 & n(A - B') = 7 & n((A \cap B)') = 30 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 34 & n(A - B) = 11 & n(A' \cap C') = 9 \\ n(C - A) = 11 & n(\text{intersect}(A, C, B')) = 2 & n((A \cup B') - C) = 16 \\ n(C \cap (A' \cup B')) = 10 & n(C - (A \cap B)) = 13 & n(A - B - C) = 9 \end{bmatrix}$$

$$Ans3 = [ans.1 = 47, ans.2 = 68, ans.3 = 21], \quad , \quad Ans4 = 7, \quad , \quad Ans5 = 13$$

$$Ans6 = 13, \quad , \quad Ans7 = 5, \quad , \quad Ans8 = 37, \quad , \quad Ans9 = 12, \quad , \quad Ans10 = 140$$

Set02 Answers for No.644226

$$AnsI = \begin{bmatrix} n(A \cup B) = 25 & n(A') = 17 & n(B') = 23 \\ n(A - B) = 11 & n(B - A) = 5 & n(A \cup B') = 32 \\ n(A' \cup B') = 28 & n(A - B') = 9 & n((A \cap B)') = 28 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 32 & n(A - B) = 14 & n(A' \cap C') = 5 \\ n(C - A) = 7 & n(\text{intersect}(A, C, B')) = 10 & n((A \cup B') - C) = 9 \\ n(C \cap (A' \cup B')) = 1 & n(C - (A \cap B)) = 17 & n(A - B - C) = 4 \end{bmatrix}$$

$$Ans3 = [ans.1 = 29, ans.2 = 47, ans.3 = 19], \quad , \quad Ans4 = 17, \quad , \quad Ans5 = 12$$

$$Ans6 = 11, \quad , \quad Ans7 = 6, \quad , \quad Ans8 = 36, \quad , \quad Ans9 = 20, \quad , \quad Ans10 = 130$$

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Set02 Answers for No.644227

$$Ans I = \begin{bmatrix} n(A \cup B) = 32 & n(A') = 19 & n(B') = 21 \\ n(A - B) = 13 & n(B - A) = 11 & n(A \cup B') = 29 \\ n(A' \cup B') = 32 & n(A - B') = 8 & n((A \cap B)') = 32 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 47 & n(A - B) = 20 & n(A' \cap C') = 12 \\ n(C - A) = 12 & n(\text{intersect}(A, C, B')) = 10 & n((A \cup B') - C) = 19 \\ n(C \cap (A' \cup B')) = 6 & n(C - (A \cap B)) = 22 & n(A - B - C) = 10 \end{bmatrix}$$

$$Ans3 = [ans.1 = 49, ans.2 = 69, ans.3 = 22], \quad Ans4 = 20, \quad Ans5 = 16$$

$$Ans6 = 11, \quad , \quad Ans7 = 1, \quad , \quad Ans8 = 34, \quad , \quad Ans9 = 17, \quad , \quad Ans10 = 100$$

Set02 Answers for No.644228

$$Ans I = \begin{bmatrix} n(A \cup B) = 25 & n(A') = 20 & n(B') = 24 \\ n(A - B) = 11 & n(B - A) = 7 & n(A \cup B') = 31 \\ n(A' \cup B') = 31 & n(A - B') = 7 & n((A \cap B)') = 31 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 31 & n(A - B) = 13 & n(A' \cap C') = 14 \\ n(C - A) = 6 & n(\text{intersect}(A, C, B')) = 10 & n((A \cup B') - C) = 18 \\ n(C \cap (A' \cup B')) = 3 & n(C - (A \cap B)) = 16 & n(A - B - C) = 3 \end{bmatrix}$$

$Ans3 = [ans.1 = 37, ans.2 = 48, ans.3 = 19], \quad , \quad Ans4 = 16, \quad , \quad Ans5 = 17$

Ans6 = 5, , Ans7 = 4, , Ans8 = 46, , Ans9 = 5, , Ans10 = 60

Set02 Answers for No.644229

$$Ans1 = \begin{bmatrix} n(A \cup B) = 23 & n(A') = 26 & n(B') = 19 \\ n(A - B) = 5 & n(B - A) = 12 & n(A \cup B') = 25 \\ n(A' \cup B') = 31 & n(A - B') = 6 & n((A \cap B)') = 31 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 43 & n(A - B) = 11 & n(A' \cap C') = 7 \\ n(C - A) = 15 & n(\text{intersect}(A, C, B')) = 6 & n((A \cup B') - C) = 18 \\ n(C \cap (A' \cup B')) = 5 & n(C - (A \cap B)) = 21 & n(A - B - C) = 5 \end{bmatrix}$$

$Ans3 = [ans.1 = 36, ans.2 = 55, ans.3 = 12], \quad , \quad Ans4 = 17, \quad , \quad Ans5 = 12$

Ans6 = 15, , *Ans7* = 2, , *Ans8* = 51, , *Ans9* = 8, , *Ans10* = 70

Set02 Answers for No.644230

$$Ans I = \begin{bmatrix} n(A \cup B) = 29 & n(A') = 22 & n(B') = 19 \\ n(A - B) = 8 & n(B - A) = 11 & n(A \cup B') = 29 \\ n(A' \cup B') = 30 & n(A - B') = 10 & n((A \cap B)') = 30 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 46 & n(A - B) = 17 & n(A' \cap C') = 6 \\ n(C - A) = 13 & n(\text{intersect}(A, C, B')) = 10 & n((A \cup B') - C) = 16 \\ n(C \cap (A' \cup B')) = 9 & n(C - (A \cap B)) = 23 & n(A - B - C) = 7 \end{bmatrix}$$

$Ans3 = [ans.1 = 37, ans.2 = 50, ans.3 = 13], \quad Ans4 = 19, \quad Ans5 = 19$

$Ans6 = 8,$, $Ans7 = 8,$, $Ans8 = 43,$, $Ans9 = 11,$, $Ans10 = 140$

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[illegible]