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Set02 Answers for No.9182

$$Ans1 = \begin{bmatrix} n(A \cup B) = 26 & n(A') = 19 & n(B') = 22 \\ n(A - B) = 12 & n(B - A) = 9 & n(A \cup B') = 27 \\ n(A' \cup B') = 31 & n(A - B') = 5 & n((A \cap B)') = 31 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 40 & n(A - B) = 7 & n(A' \cap C') = 7 \\ n(C - A) = 16 & n(\text{intersect}(A, C, B')) = 7 & n((A \cup B') - C) = 15 \\ n(C \cap (A' \cup B')') = 5 & n(C - (A \cap B)) = 23 & n(A - B - C) = 0 \end{bmatrix}$$

$Ans3 = [ans.1 = 36, ans.2 = 55, ans.3 = 23]$, , $Ans4 = 21$, , $Ans5 = 8$

$Ans6 = 16$, , $Ans7 = 7$, , $Ans8 = 55$, , $Ans9 = 6$, , $Ans10 = 90$

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Set02 Answers for No.9225

$$Ans1 = \begin{bmatrix} n(A \cup B) = 38 & n(A') = 24 & n(B') = 23 \\ n(A - B) = 12 & n(B - A) = 13 & n(A \cup B') = 36 \\ n(A' \cup B') = 36 & n(A - B') = 13 & n((A \cap B)') = 36 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 30 & n(A - B) = 9 & n(A' \cap C') = 7 \\ n(C - A) = 4 & n(\text{intersect}(A, C, B')) = 0 & n((A \cup B') - C) = 24 \\ n(C \cap (A' \cup B')') = 5 & n(C - (A \cap B)) = 4 & n(A - B - C) = 9 \end{bmatrix}$$

$Ans3 = [ans.1 = 34, ans.2 = 45, ans.3 = 22]$, , $Ans4 = 11$, , $Ans5 = 15$

$Ans6 = 16$, , $Ans7 = 10$, , $Ans8 = 48$, , $Ans9 = 20$, , $Ans10 = 40$

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Set02 Answers for No.9243

$$Ans1 = \begin{bmatrix} n(A \cup B) = 25 & n(A') = 12 & n(B') = 14 \\ n(A - B) = 8 & n(B - A) = 6 & n(A \cup B') = 25 \\ n(A' \cup B') = 20 & n(A - B') = 11 & n((A \cap B)') = 20 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 48 & n(A - B) = 9 & n(A' \cap C') = 12 \\ n(C - A) = 17 & n(\text{intersect}(A, C, B')) = 1 & n((A \cup B') - C) = 22 \\ n(C \cap (A' \cup B')') = 8 & n(C - (A \cap B)) = 18 & n(A - B - C) = 8 \end{bmatrix}$$

$Ans3 = [ans.1 = 37, ans.2 = 61, ans.3 = 19]$, , $Ans4 = 10$, , $Ans5 = 24$

$Ans6 = 5$, , $Ans7 = 9$, , $Ans8 = 33$, , $Ans9 = 8$, , $Ans10 = 120$

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Set02 Answers for No.9298

$$Ans1 = \begin{bmatrix} n(A \cup B) = 27 & n(A') = 20 & n(B') = 19 \\ n(A - B) = 7 & n(B - A) = 8 & n(A \cup B') = 31 \\ n(A' \cup B') = 27 & n(A - B') = 12 & n((A \cap B)') = 27 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 40 & n(A - B) = 13 & n(A' \cap C') = 9 \\ n(C - A) = 19 & n(\text{intersect}(A, C, B')) = 10 & n((A \cup B') - C) = 14 \\ n(C \cap (A' \cup B')') = 2 & n(C - (A \cap B)) = 29 & n(A - B - C) = 3 \end{bmatrix}$$

$Ans3 = [ans.1 = 36, ans.2 = 52, ans.3 = 15]$, , $Ans4 = 13$, , $Ans5 = 25$

$Ans6 = 9$, , $Ans7 = 10$, , $Ans8 = 38$, , $Ans9 = 16$, , $Ans10 = 110$

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Set02 Answers for No.9329

$$Ans1 = \begin{bmatrix} n(A \cup B) = 24 & n(A') = 27 & n(B') = 20 \\ n(A - B) = 5 & n(B - A) = 12 & n(A \cup B') = 27 \\ n(A' \cup B') = 32 & n(A - B') = 7 & n((A \cap B)') = 32 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(union(A, B, C)) = 36 & n(A - B) = 15 & n(A' \cap C') = 9 \\ n(C - A) = 9 & n(intersect(A, C, B')) = 7 & n((A \cup B') - C) = 20 \\ n(C \cap (A' \cup B')') = 3 & n(C - (A \cap B)) = 16 & n(A - B - C) = 8 \end{bmatrix}$$

$Ans3 = [ans.1 = 40, ans.2 = 65, ans.3 = 17]$, , $Ans4 = 16$, , $Ans5 = 11$

$Ans6 = 14$, , $Ans7 = 1$, , $Ans8 = 46$, , $Ans9 = 22$, , $Ans10 = 140$

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Set02 Answers for No.9358

$$Ans1 = \begin{bmatrix} n(A \cup B) = 34 & n(A') = 21 & n(B') = 14 \\ n(A - B) = 8 & n(B - A) = 15 & n(A \cup B') = 25 \\ n(A' \cup B') = 29 & n(A - B') = 11 & n((A \cap B)') = 29 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(union(A, B, C)) = 51 & n(A - B) = 14 & n(A' \cap C') = 14 \\ n(C - A) = 16 & n(intersect(A, C, B')) = 9 & n((A \cup B') - C) = 15 \\ n(C \cap (A' \cup B')') = 5 & n(C - (A \cap B)) = 25 & n(A - B - C) = 5 \end{bmatrix}$$

$Ans3 = [ans.1 = 36, ans.2 = 62, ans.3 = 21]$, , $Ans4 = 22$, , $Ans5 = 17$

$Ans6 = 15$, , $Ans7 = 10$, , $Ans8 = 50$, , $Ans9 = 16$, , $Ans10 = 150$

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Set02 Answers for No.9362

$$Ans1 = \begin{bmatrix} n(A \cup B) = 24 & n(A') = 18 & n(B') = 20 \\ n(A - B) = 7 & n(B - A) = 5 & n(A \cup B') = 32 \\ n(A' \cup B') = 25 & n(A - B') = 12 & n((A \cap B)') = 25 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(union(A, B, C)) = 48 & n(A - B) = 9 & n(A' \cap C') = 18 \\ n(C - A) = 12 & n(intersect(A, C, B')) = 9 & n((A \cup B') - C) = 18 \\ n(C \cap (A' \cup B')') = 9 & n(C - (A \cap B)) = 21 & n(A - B - C) = 0 \end{bmatrix}$$

$Ans3 = [ans.1 = 33, ans.2 = 51, ans.3 = 24]$, , $Ans4 = 13$, , $Ans5 = 21$

$Ans6 = 10$, , $Ans7 = 8$, , $Ans8 = 47$, , $Ans9 = 16$, , $Ans10 = 150$

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Set02 Answers for No.9408

$$Ans1 = \begin{bmatrix} n(A \cup B) = 32 & n(A') = 30 & n(B') = 24 \\ n(A - B) = 9 & n(B - A) = 15 & n(A \cup B') = 32 \\ n(A' \cup B') = 39 & n(A - B') = 8 & n((A \cap B)') = 39 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(union(A, B, C)) = 47 & n(A - B) = 15 & n(A' \cap C') = 19 \\ n(C - A) = 16 & n(intersect(A, C, B')) = 8 & n((A \cup B') - C) = 18 \\ n(C \cap (A' \cup B')') = 6 & n(C - (A \cap B)) = 24 & n(A - B - C) = 7 \end{bmatrix}$$

$Ans3 = [ans.1 = 41, ans.2 = 60, ans.3 = 18]$, , $Ans4 = 7$, , $Ans5 = 18$

$Ans6 = 9$, , $Ans7 = 3$, , $Ans8 = 43$, , $Ans9 = 13$, , $Ans10 = 140$

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Set02 Answers for No.9450

$$Ans1 = \begin{bmatrix} n(A \cup B) = 27 & n(A') = 16 & n(B') = 21 \\ n(A - B) = 12 & n(B - A) = 7 & n(A \cup B') = 29 \\ n(A' \cup B') = 28 & n(A - B') = 8 & n((A \cap B)') = 28 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 42 & n(A - B) = 9 & n(A' \cap C') = 11 \\ n(C - A) = 12 & n(\text{intersect}(A, C, B')) = 8 & n((A \cup B') - C) = 13 \\ n(C \cap (A' \cup B')') = 8 & n(C - (A \cap B)) = 20 & n(A - B - C) = 1 \end{bmatrix}$$

$Ans3 = [ans.1 = 48, ans.2 = 73, ans.3 = 19],\quad , Ans4 = 21,\quad , Ans5 = 16$

$Ans6 = 14,\quad , Ans7 = 6,\quad , Ans8 = 50,\quad , Ans9 = 10,\quad , Ans10 = 120$

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Set02 Answers for No.9469

$$Ans1 = \begin{bmatrix} n(A \cup B) = 35 & n(A') = 20 & n(B') = 22 \\ n(A - B) = 11 & n(B - A) = 9 & n(A \cup B') = 37 \\ n(A' \cup B') = 31 & n(A - B') = 15 & n((A \cap B)') = 31 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 45 & n(A - B) = 13 & n(A' \cap C') = 15 \\ n(C - A) = 12 & n(\text{intersect}(A, C, B')) = 6 & n((A \cup B') - C) = 27 \\ n(C \cap (A' \cup B')') = 5 & n(C - (A \cap B)) = 18 & n(A - B - C) = 7 \end{bmatrix}$$

$Ans3 = [ans.1 = 42, ans.2 = 57, ans.3 = 21],\quad , Ans4 = 17,\quad , Ans5 = 26$

$Ans6 = 9,\quad , Ans7 = 10,\quad , Ans8 = 46,\quad , Ans9 = 5,\quad , Ans10 = 120$

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Set02 Answers for No.9730

$$Ans1 = \begin{bmatrix} n(A \cup B) = 36 & n(A') = 26 & n(B') = 21 \\ n(A - B) = 10 & n(B - A) = 15 & n(A \cup B') = 32 \\ n(A' \cup B') = 36 & n(A - B') = 11 & n((A \cap B)') = 36 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 26 & n(A - B) = 3 & n(A' \cap C') = 7 \\ n(C - A) = 10 & n(\text{intersect}(A, C, B')) = 1 & n((A \cup B') - C) = 9 \\ n(C \cap (A' \cup B')') = 1 & n(C - (A \cap B)) = 11 & n(A - B - C) = 2 \end{bmatrix}$$

$Ans3 = [ans.1 = 44, ans.2 = 61, ans.3 = 24],\quad , Ans4 = 12,\quad , Ans5 = 17$

$Ans6 = 11,\quad , Ans7 = 10,\quad , Ans8 = 38,\quad , Ans9 = 15,\quad , Ans10 = 150$

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Set02 Answers for No.9743

$$Ans1 = \begin{bmatrix} n(A \cup B) = 28 & n(A') = 25 & n(B') = 26 \\ n(A - B) = 11 & n(B - A) = 10 & n(A \cup B') = 33 \\ n(A' \cup B') = 36 & n(A - B') = 7 & n((A \cap B)') = 36 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 28 & n(A - B) = 3 & n(A' \cap C') = 7 \\ n(C - A) = 11 & n(\text{intersect}(A, C, B')) = 0 & n((A \cup B') - C) = 9 \\ n(C \cap (A' \cup B')') = 5 & n(C - (A \cap B)) = 11 & n(A - B - C) = 3 \end{bmatrix}$$

$Ans3 = [ans.1 = 42, ans.2 = 54, ans.3 = 15],\quad , Ans4 = 21,\quad , Ans5 = 7$

$Ans6 = 8,\quad , Ans7 = 10,\quad , Ans8 = 58,\quad , Ans9 = 22,\quad , Ans10 = 40$

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Set02 Answers for No.9791

$$Ans1 = \begin{bmatrix} n(A \cup B) = 31 & n(A') = 20 & n(B') = 29 \\ n(A - B) = 14 & n(B - A) = 5 & n(A \cup B') = 41 \\ n(A' \cup B') = 34 & n(A - B') = 12 & n((A \cap B)') = 34 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(union(A, B, C)) = 36 & n(A - B) = 10 & n(A' \cap C') = 11 \\ n(C - A) = 17 & n(intersect(A, C, B')) = 10 & n((A \cup B') - C) = 11 \\ n(C \cap (A' \cup B')') = 5 & n(C - (A \cap B)) = 27 & n(A - B - C) = 0 \end{bmatrix}$$

$Ans3 = [ans.1 = 35, ans.2 = 55, ans.3 = 27]$, , $Ans4 = 8$, , $Ans5 = 22$

$Ans6 = 16$, , $Ans7 = 6$, , $Ans8 = 35$, , $Ans9 = 18$, , $Ans10 = 70$

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Set02 Answers for No.9807

$$Ans1 = \begin{bmatrix} n(A \cup B) = 36 & n(A') = 20 & n(B') = 26 \\ n(A - B) = 15 & n(B - A) = 9 & n(A \cup B') = 38 \\ n(A' \cup B') = 35 & n(A - B') = 12 & n((A \cap B)') = 35 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(union(A, B, C)) = 32 & n(A - B) = 13 & n(A' \cap C') = 10 \\ n(C - A) = 4 & n(intersect(A, C, B')) = 6 & n((A \cup B') - C) = 26 \\ n(C \cap (A' \cup B')') = 6 & n(C - (A \cap B)) = 10 & n(A - B - C) = 7 \end{bmatrix}$$

$Ans3 = [ans.1 = 43, ans.2 = 68, ans.3 = 14]$, , $Ans4 = 12$, , $Ans5 = 16$

$Ans6 = 16$, , $Ans7 = 5$, , $Ans8 = 38$, , $Ans9 = 12$, , $Ans10 = 160$

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Set02 Answers for No.9832

$$Ans1 = \begin{bmatrix} n(A \cup B) = 29 & n(A') = 17 & n(B') = 15 \\ n(A - B) = 6 & n(B - A) = 8 & n(A \cup B') = 30 \\ n(A' \cup B') = 23 & n(A - B') = 15 & n((A \cap B)') = 23 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(union(A, B, C)) = 29 & n(A - B) = 8 & n(A' \cap C') = 8 \\ n(C - A) = 14 & n(intersect(A, C, B')) = 3 & n((A \cup B') - C) = 13 \\ n(C \cap (A' \cup B')') = 1 & n(C - (A \cap B)) = 17 & n(A - B - C) = 5 \end{bmatrix}$$

$Ans3 = [ans.1 = 38, ans.2 = 54, ans.3 = 16]$, , $Ans4 = 21$, , $Ans5 = 11$

$Ans6 = 12$, , $Ans7 = 1$, , $Ans8 = 51$, , $Ans9 = 5$, , $Ans10 = 30$

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Set02 Answers for No.9870

$$Ans1 = \begin{bmatrix} n(A \cup B) = 28 & n(A') = 16 & n(B') = 15 \\ n(A - B) = 8 & n(B - A) = 9 & n(A \cup B') = 26 \\ n(A' \cup B') = 24 & n(A - B') = 11 & n((A \cap B)') = 24 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(union(A, B, C)) = 39 & n(A - B) = 16 & n(A' \cap C') = 15 \\ n(C - A) = 8 & n(intersect(A, C, B')) = 10 & n((A \cup B') - C) = 25 \\ n(C \cap (A' \cup B')') = 1 & n(C - (A \cap B)) = 18 & n(A - B - C) = 6 \end{bmatrix}$$

$Ans3 = [ans.1 = 48, ans.2 = 71, ans.3 = 12]$, , $Ans4 = 21$, , $Ans5 = 8$

$Ans6 = 8$, , $Ans7 = 6$, , $Ans8 = 35$, , $Ans9 = 10$, , $Ans10 = 40$

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Set02 Answers for No.10168

$$Ans1 = \begin{bmatrix} n(A \cup B) = 28 & n(A') = 24 & n(B') = 21 \\ n(A - B) = 6 & n(B - A) = 9 & n(A \cup B') = 34 \\ n(A' \cup B') = 30 & n(A - B') = 13 & n((A \cap B)') = 30 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 32 & n(A - B) = 1 & n(A' \cap C') = 10 \\ n(C - A) = 12 & n(\text{intersect}(A, C, B')) = 1 & n((A \cup B') - C) = 7 \\ n(C \cap (A' \cup B')') = 4 & n(C - (A \cap B)) = 13 & n(A - B - C) = 0 \end{bmatrix}$$

$$Ans3 = [ans.1 = 23, ans.2 = 37, ans.3 = 19], \quad , Ans4 = 8, \quad , Ans5 = 21$$

$$Ans6 = 13, \quad , Ans7 = 1, \quad , Ans8 = 45, \quad , Ans9 = 22, \quad , Ans10 = 90$$

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Set02 Answers for No.10288

$$Ans1 = \begin{bmatrix} n(A \cup B) = 31 & n(A') = 20 & n(B') = 25 \\ n(A - B) = 12 & n(B - A) = 7 & n(A \cup B') = 37 \\ n(A' \cup B') = 32 & n(A - B') = 12 & n((A \cap B)') = 32 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 46 & n(A - B) = 20 & n(A' \cap C') = 10 \\ n(C - A) = 8 & n(\text{intersect}(A, C, B')) = 10 & n((A \cup B') - C) = 19 \\ n(C \cap (A' \cup B')') = 1 & n(C - (A \cap B)) = 18 & n(A - B - C) = 10 \end{bmatrix}$$

$$Ans3 = [ans.1 = 49, ans.2 = 75, ans.3 = 14], \quad , Ans4 = 23, \quad , Ans5 = 20$$

$$Ans6 = 17, \quad , Ans7 = 5, \quad , Ans8 = 54, \quad , Ans9 = 4, \quad , Ans10 = 20$$

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Set02 Answers for No.10502

$$Ans1 = \begin{bmatrix} n(A \cup B) = 34 & n(A') = 24 & n(B') = 28 \\ n(A - B) = 13 & n(B - A) = 9 & n(A \cup B') = 40 \\ n(A' \cup B') = 37 & n(A - B') = 12 & n((A \cap B)') = 37 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 38 & n(A - B) = 13 & n(A' \cap C') = 6 \\ n(C - A) = 11 & n(\text{intersect}(A, C, B')) = 5 & n((A \cup B') - C) = 13 \\ n(C \cap (A' \cup B')') = 3 & n(C - (A \cap B)) = 16 & n(A - B - C) = 8 \end{bmatrix}$$

$$Ans3 = [ans.1 = 39, ans.2 = 52, ans.3 = 21], \quad , Ans4 = 11, \quad , Ans5 = 18$$

$$Ans6 = 5, \quad , Ans7 = 1, \quad , Ans8 = 26, \quad , Ans9 = 22, \quad , Ans10 = 150$$

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Set02 Answers for No.10562

$$Ans1 = \begin{bmatrix} n(A \cup B) = 25 & n(A') = 24 & n(B') = 26 \\ n(A - B) = 11 & n(B - A) = 9 & n(A \cup B') = 31 \\ n(A' \cup B') = 35 & n(A - B') = 5 & n((A \cap B)') = 35 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 32 & n(A - B) = 4 & n(A' \cap C') = 20 \\ n(C - A) = 11 & n(\text{intersect}(A, C, B')) = 0 & n((A \cup B') - C) = 20 \\ n(C \cap (A' \cup B')') = 1 & n(C - (A \cap B)) = 11 & n(A - B - C) = 4 \end{bmatrix}$$

$$Ans3 = [ans.1 = 40, ans.2 = 64, ans.3 = 12], \quad , Ans4 = 7, \quad , Ans5 = 18$$

$$Ans6 = 13, \quad , Ans7 = 2, \quad , Ans8 = 51, \quad , Ans9 = 2, \quad , Ans10 = 30$$

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Set02 Answers for No.10683

$$Ans1 = \begin{bmatrix} n(A \cup B) = 32 & n(A') = 16 & n(B') = 17 \\ n(A - B) = 12 & n(B - A) = 11 & n(A \cup B') = 26 \\ n(A' \cup B') = 28 & n(A - B') = 9 & n((A \cap B)') = 28 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\mathrm{union}(A, B, C)) = 42 & n(A - B) = 11 & n(A' \cap C') = 8 \\ n(C - A) = 16 & n(\mathrm{intersect}(A, C, B')) = 10 & n((A \cup B') - C) = 8 \\ n(C \cap (A' \cup B')') = 6 & n(C - (A \cap B)) = 26 & n(A - B - C) = 1 \end{bmatrix}$$

$$Ans3 = [ans.1 = 45, ans.2 = 56, ans.3 = 19], \quad , Ans4 = 9, \quad , Ans5 = 17$$

$$Ans6 = 15, \quad , Ans7 = 2, \quad , Ans8 = 70, \quad , Ans9 = 8, \quad , Ans10 = 120$$

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Set02 Answers for No.11104

$$Ans1 = \begin{bmatrix} n(A \cup B) = 34 & n(A') = 18 & n(B') = 24 \\ n(A - B) = 13 & n(B - A) = 7 & n(A \cup B') = 38 \\ n(A' \cup B') = 31 & n(A - B') = 14 & n((A \cap B)') = 31 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\mathrm{union}(A, B, C)) = 40 & n(A - B) = 8 & n(A' \cap C') = 14 \\ n(C - A) = 12 & n(\mathrm{intersect}(A, C, B')) = 3 & n((A \cup B') - C) = 11 \\ n(C \cap (A' \cup B')') = 10 & n(C - (A \cap B)) = 15 & n(A - B - C) = 5 \end{bmatrix}$$

$$Ans3 = [ans.1 = 45, ans.2 = 72, ans.3 = 14], \quad , Ans4 = 23, \quad , Ans5 = 19$$

$$Ans6 = 5, \quad , Ans7 = 8, \quad , Ans8 = 48, \quad , Ans9 = 6, \quad , Ans10 = 60$$

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Set02 Answers for No.11306

$$Ans1 = \begin{bmatrix} n(A \cup B) = 20 & n(A') = 20 & n(B') = 19 \\ n(A - B) = 6 & n(B - A) = 7 & n(A \cup B') = 26 \\ n(A' \cup B') = 26 & n(A - B') = 7 & n((A \cap B)') = 26 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\mathrm{union}(A, B, C)) = 38 & n(A - B) = 10 & n(A' \cap C') = 14 \\ n(C - A) = 7 & n(\mathrm{intersect}(A, C, B')) = 3 & n((A \cup B') - C) = 20 \\ n(C \cap (A' \cup B')') = 6 & n(C - (A \cap B)) = 10 & n(A - B - C) = 7 \end{bmatrix}$$

$$Ans3 = [ans.1 = 42, ans.2 = 69, ans.3 = 24], \quad , Ans4 = 14, \quad , Ans5 = 20$$

$$Ans6 = 14, \quad , Ans7 = 8, \quad , Ans8 = 61, \quad , Ans9 = 14, \quad , Ans10 = 160$$

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Set02 Answers for No.11312

$$Ans1 = \begin{bmatrix} n(A \cup B) = 21 & n(A') = 15 & n(B') = 18 \\ n(A - B) = 8 & n(B - A) = 5 & n(A \cup B') = 26 \\ n(A' \cup B') = 23 & n(A - B') = 8 & n((A \cap B)') = 23 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\mathrm{union}(A, B, C)) = 32 & n(A - B) = 12 & n(A' \cap C') = 14 \\ n(C - A) = 11 & n(\mathrm{intersect}(A, C, B')) = 10 & n((A \cup B') - C) = 9 \\ n(C \cap (A' \cup B')') = 0 & n(C - (A \cap B)) = 21 & n(A - B - C) = 2 \end{bmatrix}$$

$$Ans3 = [ans.1 = 35, ans.2 = 50, ans.3 = 18], \quad , Ans4 = 8, \quad , Ans5 = 15$$

$$Ans6 = 15, \quad , Ans7 = 10, \quad , Ans8 = 57, \quad , Ans9 = 6, \quad , Ans10 = 130$$

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Set02 Answers for No.11450

$$Ans1 = \begin{bmatrix} n(A \cup B) = 31 & n(A') = 25 & n(B') = 23 \\ n(A - B) = 12 & n(B - A) = 14 & n(A \cup B') = 28 \\ n(A' \cup B') = 37 & n(A - B') = 5 & n((A \cap B)') = 37 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 31 & n(A - B) = 10 & n(A' \cap C') = 15 \\ n(C - A) = 4 & n(\text{intersect}(A, C, B')) = 8 & n((A \cup B') - C) = 15 \\ n(C \cap (A' \cup B')') = 9 & n(C - (A \cap B)) = 12 & n(A - B - C) = 2 \end{bmatrix}$$

$$Ans3 = [ans.1 = 40, ans.2 = 55, ans.3 = 26], \quad , Ans4 = 9, \quad , Ans5 = 8$$

$$Ans6 = 10, \quad , Ans7 = 7, \quad , Ans8 = 52, \quad , Ans9 = 15, \quad , Ans10 = 150$$

X Math@MUT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM4/2-6300302-00026XX
Set02 Answers for No.12149

$$Ans1 = \begin{bmatrix} n(A \cup B) = 19 & n(A') = 12 & n(B') = 11 \\ n(A - B) = 5 & n(B - A) = 6 & n(A \cup B') = 19 \\ n(A' \cup B') = 17 & n(A - B') = 8 & n((A \cap B)') = 17 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 41 & n(A - B) = 15 & n(A' \cap C') = 16 \\ n(C - A) = 6 & n(\text{intersect}(A, C, B')) = 6 & n((A \cup B') - C) = 24 \\ n(C \cap (A' \cup B')') = 5 & n(C - (A \cap B)) = 12 & n(A - B - C) = 9 \end{bmatrix}$$

$$Ans3 = [ans.1 = 45, ans.2 = 63, ans.3 = 23], \quad , Ans4 = 22, \quad , Ans5 = 16$$

$$Ans6 = 11, \quad , Ans7 = 3, \quad , Ans8 = 31, \quad , Ans9 = 2, \quad , Ans10 = 160$$

X Math@MUT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM4/2-6300302-00027XX
Set02 Answers for No.12181

$$Ans1 = \begin{bmatrix} n(A \cup B) = 32 & n(A') = 19 & n(B') = 17 \\ n(A - B) = 11 & n(B - A) = 13 & n(A \cup B') = 25 \\ n(A' \cup B') = 30 & n(A - B') = 8 & n((A \cap B)') = 30 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 54 & n(A - B) = 18 & n(A' \cap C') = 8 \\ n(C - A) = 17 & n(\text{intersect}(A, C, B')) = 10 & n((A \cup B') - C) = 18 \\ n(C \cap (A' \cup B')') = 3 & n(C - (A \cap B)) = 27 & n(A - B - C) = 8 \end{bmatrix}$$

$$Ans3 = [ans.1 = 43, ans.2 = 58, ans.3 = 11], \quad , Ans4 = 22, \quad , Ans5 = 17$$

$$Ans6 = 9, \quad , Ans7 = 7, \quad , Ans8 = 48, \quad , Ans9 = 24, \quad , Ans10 = 40$$

X Math@MUT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM4/2-6300302-00028XX
Set02 Answers for No.12234

$$Ans1 = \begin{bmatrix} n(A \cup B) = 32 & n(A') = 23 & n(B') = 14 \\ n(A - B) = 5 & n(B - A) = 14 & n(A \cup B') = 27 \\ n(A' \cup B') = 28 & n(A - B') = 13 & n((A \cap B)') = 28 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(\text{union}(A, B, C)) = 35 & n(A - B) = 6 & n(A' \cap C') = 7 \\ n(C - A) = 20 & n(\text{intersect}(A, C, B')) = 5 & n((A \cup B') - C) = 5 \\ n(C \cap (A' \cup B')') = 6 & n(C - (A \cap B)) = 25 & n(A - B - C) = 1 \end{bmatrix}$$

$$Ans3 = [ans.1 = 40, ans.2 = 59, ans.3 = 17], \quad , Ans4 = 16, \quad , Ans5 = 17$$

$$Ans6 = 8, \quad , Ans7 = 6, \quad , Ans8 = 53, \quad , Ans9 = 12, \quad , Ans10 = 100$$

X Math@MUT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM4/2-6300302-00029XX
Set02 Answers for No.12288

$$Ans1 = \begin{bmatrix} n(A \cup B) = 26 & n(A') = 21 & n(B') = 18 \\ n(A - B) = 9 & n(B - A) = 12 & n(A \cup B') = 23 \\ n(A' \cup B') = 30 & n(A - B') = 5 & n((A \cap B)') = 30 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(union(A, B, C)) = 39 & n(A - B) = 13 & n(A' \cap C') = 3 \\ n(C - A) = 6 & n(intersect(A, C, B')) = 9 & n((A \cup B') - C) = 16 \\ n(C \cap (A' \cup B')') = 9 & n(C - (A \cap B)) = 15 & n(A - B - C) = 4 \end{bmatrix}$$

$$Ans3 = [ans.1 = 26, ans.2 = 43, ans.3 = 24], \quad , Ans4 = 15, \quad , Ans5 = 16$$

$$Ans6 = 15, \quad , Ans7 = 2, \quad , Ans8 = 38, \quad , Ans9 = 7, \quad , Ans10 = 120$$

X Math@MUT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM4/2-6300302-00030XX
Set02 Answers for No.12311

$$Ans1 = \begin{bmatrix} n(A \cup B) = 30 & n(A') = 20 & n(B') = 12 \\ n(A - B) = 7 & n(B - A) = 15 & n(A \cup B') = 20 \\ n(A' \cup B') = 27 & n(A - B') = 8 & n((A \cap B)') = 27 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(union(A, B, C)) = 30 & n(A - B) = 7 & n(A' \cap C') = 16 \\ n(C - A) = 6 & n(intersect(A, C, B')) = 4 & n((A \cup B') - C) = 18 \\ n(C \cap (A' \cup B')') = 0 & n(C - (A \cap B)) = 10 & n(A - B - C) = 3 \end{bmatrix}$$

$$Ans3 = [ans.1 = 25, ans.2 = 51, ans.3 = 14], \quad , Ans4 = 7, \quad , Ans5 = 11$$

$$Ans6 = 15, \quad , Ans7 = 0, \quad , Ans8 = 30, \quad , Ans9 = 16, \quad , Ans10 = 90$$

X Math@MUT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM4/2-6300302-00031XX
Set02 Answers for No.12318

$$Ans1 = \begin{bmatrix} n(A \cup B) = 29 & n(A') = 11 & n(B') = 17 \\ n(A - B) = 12 & n(B - A) = 6 & n(A \cup B') = 28 \\ n(A' \cup B') = 23 & n(A - B') = 11 & n((A \cap B)') = 23 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(union(A, B, C)) = 38 & n(A - B) = 19 & n(A' \cap C') = 4 \\ n(C - A) = 8 & n(intersect(A, C, B')) = 9 & n((A \cup B') - C) = 12 \\ n(C \cap (A' \cup B')') = 5 & n(C - (A \cap B)) = 17 & n(A - B - C) = 10 \end{bmatrix}$$

$$Ans3 = [ans.1 = 40, ans.2 = 63, ans.3 = 12], \quad , Ans4 = 16, \quad , Ans5 = 3$$

$$Ans6 = 5, \quad , Ans7 = 1, \quad , Ans8 = 38, \quad , Ans9 = 5, \quad , Ans10 = 160$$

X Math@MUT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM4/2-6300302-00032XX
Set02 Answers for No.12322

$$Ans1 = \begin{bmatrix} n(A \cup B) = 25 & n(A') = 19 & n(B') = 27 \\ n(A - B) = 13 & n(B - A) = 5 & n(A \cup B') = 34 \\ n(A' \cup B') = 32 & n(A - B') = 7 & n((A \cap B)') = 32 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(union(A, B, C)) = 30 & n(A - B) = 12 & n(A' \cap C') = 8 \\ n(C - A) = 8 & n(intersect(A, C, B')) = 9 & n((A \cup B') - C) = 13 \\ n(C \cap (A' \cup B')') = 4 & n(C - (A \cap B)) = 17 & n(A - B - C) = 3 \end{bmatrix}$$

$$Ans3 = [ans.1 = 28, ans.2 = 53, ans.3 = 25], \quad , Ans4 = 22, \quad , Ans5 = 26$$

$$Ans6 = 16, \quad , Ans7 = 4, \quad , Ans8 = 53, \quad , Ans9 = 4, \quad , Ans10 = 70$$

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Set02 Answers for No.12328

$$Ans1 = \begin{bmatrix} n(A \cup B) = 26 & n(A') = 15 & n(B') = 19 \\ n(A-B) = 9 & n(B-A) = 5 & n(A \cup B') = 31 \\ n(A' \cup B') = 24 & n(A-B') = 12 & n((A \cap B)') = 24 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(union(A,B,C)) = 48 & n(A-B) = 18 & n(A' \cap C') = 12 \\ n(C-A) = 16 & n(intersect(A,C,B')) = 10 & n((A \cup B') - C) = 18 \\ n(C \cap (A' \cup B')') = 6 & n(C-(A \cap B)) = 26 & n(A-B-C) = 8 \end{bmatrix}$$

$Ans3 = [ans.1 = 34, ans.2 = 52, ans.3 = 23],\quad , Ans4 = 8,\quad , Ans5 = 18$

$Ans6 = 9,\quad , Ans7 = 10,\quad , Ans8 = 45,\quad , Ans9 = 12,\quad , Ans10 = 50$

X Math@MUT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM4/2-6300302-00034XX
Set02 Answers for No.12335

$$Ans1 = \begin{bmatrix} n(A \cup B) = 27 & n(A') = 23 & n(B') = 28 \\ n(A-B) = 13 & n(B-A) = 8 & n(A \cup B') = 34 \\ n(A' \cup B') = 36 & n(A-B') = 6 & n((A \cap B)') = 36 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(union(A,B,C)) = 40 & n(A-B) = 9 & n(A' \cap C') = 10 \\ n(C-A) = 12 & n(intersect(A,C,B')) = 3 & n((A \cup B') - C) = 16 \\ n(C \cap (A' \cup B')') = 9 & n(C-(A \cap B)) = 15 & n(A-B-C) = 6 \end{bmatrix}$$

$Ans3 = [ans.1 = 41, ans.2 = 57, ans.3 = 17],\quad , Ans4 = 19,\quad , Ans5 = 13$

$Ans6 = 16,\quad , Ans7 = 3,\quad , Ans8 = 44,\quad , Ans9 = 17,\quad , Ans10 = 160$

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Set02 Answers for No.12340

$$Ans1 = \begin{bmatrix} n(A \cup B) = 22 & n(A') = 19 & n(B') = 20 \\ n(A-B) = 8 & n(B-A) = 7 & n(A \cup B') = 27 \\ n(A' \cup B') = 27 & n(A-B') = 7 & n((A \cap B)') = 27 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(union(A,B,C)) = 50 & n(A-B) = 13 & n(A' \cap C') = 18 \\ n(C-A) = 13 & n(intersect(A,C,B')) = 3 & n((A \cup B') - C) = 28 \\ n(C \cap (A' \cup B')') = 6 & n(C-(A \cap B)) = 16 & n(A-B-C) = 10 \end{bmatrix}$$

$Ans3 = [ans.1 = 45, ans.2 = 58, ans.3 = 25],\quad , Ans4 = 9,\quad , Ans5 = 15$

$Ans6 = 5,\quad , Ans7 = 3,\quad , Ans8 = 35,\quad , Ans9 = 1,\quad , Ans10 = 40$

X Math@MUT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXM4/2-6300302-00036XX
Set02 Answers for No.12342

$$Ans1 = \begin{bmatrix} n(A \cup B) = 28 & n(A') = 18 & n(B') = 20 \\ n(A-B) = 12 & n(B-A) = 10 & n(A \cup B') = 26 \\ n(A' \cup B') = 30 & n(A-B') = 6 & n((A \cap B)') = 30 \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} n(union(A,B,C)) = 34 & n(A-B) = 17 & n(A' \cap C') = 8 \\ n(C-A) = 9 & n(intersect(A,C,B')) = 8 & n((A \cup B') - C) = 15 \\ n(C \cap (A' \cup B')') = 2 & n(C-(A \cap B)) = 17 & n(A-B-C) = 9 \end{bmatrix}$$

$Ans3 = [ans.1 = 31, ans.2 = 46, ans.3 = 21],\quad , Ans4 = 13,\quad , Ans5 = 16$

$Ans6 = 15,\quad , Ans7 = 5,\quad , Ans8 = 43,\quad , Ans9 = 3,\quad , Ans10 = 20$

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