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Set02 for No.10052

$$No01 = [\mathrm{n}(U) = 46, \mathrm{n}(A) = 28, \mathrm{n}(B) = 25, \mathrm{n}(A \cap B) = 14]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 52 & \mathrm{n}(A) = 24 & \mathrm{n}(B) = 18 & \mathrm{n}(C) = 23 \\ \mathrm{n}(A \cap B) = 6 & \mathrm{n}(A \cap C) = 11 & \mathrm{n}(B \cap C) = 4 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 1 \end{bmatrix}$$

$$No03 = [N = 87, F = 49, V = 34, X = 22]$$

$$No04 = [N = 108, E = 34, M = 54, B = 55, X = 12, Y = 20, Z = 0]$$

$$No05 = [N = 34, G = 18, \mathrm{W} = 11, R = 27, A = 9, B = 2, C = 4, \mathrm{D} = 4]$$

$$No06 = [\mathrm{n}(U) = 42, \mathrm{n}(A' \cap B') = 12, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 11]$$

$$No07 = [N = 29, A = 26, B = 20, C = 10, \mathrm{D} = 9, E = 17, F = 8]$$

$$No08 = [A = 15, B = 5, C = 15, \mathrm{D} = 6, E = 6, F = 13, G = 2]$$

$$No09 = [N = 600, A = 399, B = 299, C = 311, AB = 187, BC = 137, AC = 157, P = 11]$$

$$No10 = [N = 590, S = 120, A = 200, B = 70, C = 110, \mathrm{D} = 80, E = 330]$$

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Set02 for No.10064

$$No01 = [\mathrm{n}(U) = 47, \mathrm{n}(A) = 25, \mathrm{n}(B) = 23, \mathrm{n}(A \cap B) = 11]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 27 & \mathrm{n}(A) = 14 & \mathrm{n}(B) = 15 & \mathrm{n}(C) = 10 \\ \mathrm{n}(A \cap B) = 9 & \mathrm{n}(A \cap C) = 2 & \mathrm{n}(B \cap C) = 5 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 0 \end{bmatrix}$$

$$No03 = [N = 74, F = 28, V = 41, X = 17]$$

$$No04 = [N = 130, E = 74, M = 62, B = 68, X = 16, Y = 32, Z = 15]$$

$$No05 = [N = 39, G = 24, \mathrm{W} = 22, R = 16, A = 6, B = 8, C = 13, \mathrm{D} = 4]$$

$$No06 = [\mathrm{n}(U) = 29, \mathrm{n}(A' \cap B') = 10, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 7]$$

$$No07 = [N = 35, A = 15, B = 25, C = 21, \mathrm{D} = 9, E = 11, F = 12]$$

$$No08 = [A = 21, B = 12, C = 25, \mathrm{D} = 15, E = 11, F = 25, G = 9]$$

$$No09 = [N = 600, A = 332, B = 302, C = 216, AB = 218, BC = 98, AC = 108, P = 16]$$

$$No10 = [N = 630, S = 60, A = 290, B = 70, C = 130, \mathrm{D} = 210, E = 270]$$

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Set02 for No.10076

$$No01 = [\mathrm{n}(U) = 40, \mathrm{n}(A) = 21, \mathrm{n}(B) = 18, \mathrm{n}(A \cap B) = 13]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 29 & \mathrm{n}(A) = 21 & \mathrm{n}(B) = 20 & \mathrm{n}(C) = 13 \\ \mathrm{n}(A \cap B) = 13 & \mathrm{n}(A \cap C) = 6 & \mathrm{n}(B \cap C) = 9 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 3 \end{bmatrix}$$

$$No03 = [N = 90, F = 46, V = 49, X = 22]$$

$$No04 = [N = 118, E = 66, M = 57, B = 55, X = 23, Y = 19, Z = 12]$$

$$No05 = [N = 35, G = 23, \mathrm{W} = 15, R = 18, A = 3, B = 4, C = 6, \mathrm{D} = 3]$$

$$No06 = [\mathrm{n}(U) = 45, \mathrm{n}(A' \cap B') = 15, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 10]$$

$$No07 = [N = 48, A = 25, B = 28, C = 29, \mathrm{D} = 15, E = 10, F = 14]$$

$$No08 = [A = 20, B = 17, C = 35, \mathrm{D} = 11, E = 20, F = 32, G = 8]$$

$$No09 = [N = 600, A = 228, B = 308, C = 302, AB = 130, BC = 110, AC = 70, P = 1]$$

$$No10 = [N = 670, S = 120, A = 290, B = 210, C = 160, \mathrm{D} = 140, E = 260]$$

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Set02 for No.10077

$$No01 = [\mathrm{n}(U) = 46, \mathrm{n}(A) = 22, \mathrm{n}(B) = 21, \mathrm{n}(A \cap B) = 8]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 39 & \mathrm{n}(A) = 15 & \mathrm{n}(B) = 21 & \mathrm{n}(C) = 20 \\ \mathrm{n}(A \cap B) = 11 & \mathrm{n}(A \cap C) = 8 & \mathrm{n}(B \cap C) = 10 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 4 \end{bmatrix}$$

$$No03 = [N = 65, F = 41, V = 34, X = 21]$$

$$No04 = [N = 118, E = 62, M = 62, B = 45, X = 17, Y = 16, Z = 20]$$

$$No05 = [N = 29, G = 18, \mathrm{W} = 21, R = 8, A = 1, B = 7, C = 11, \mathrm{D} = 4]$$

$$No06 = [\mathrm{n}(U) = 38, \mathrm{n}(A' \cap B') = 9, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 10]$$

$$No07 = [N = 43, A = 22, B = 23, C = 24, \mathrm{D} = 8, E = 9, F = 12]$$

$$No08 = [A = 26, B = 14, C = 38, \mathrm{D} = 19, E = 22, F = 32, G = 10]$$

$$No09 = [N = 500, A = 349, B = 169, C = 201, AB = 123, BC = 43, AC = 153, P = 6]$$

$$No10 = [N = 680, S = 80, A = 360, B = 260, C = 200, \mathrm{D} = 140, E = 280]$$

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Set02 for No.10083

$$No01 = [\mathrm{n}(U) = 44, \mathrm{n}(A) = 24, \mathrm{n}(B) = 21, \mathrm{n}(A \cap B) = 13]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 31 & \mathrm{n}(A) = 16 & \mathrm{n}(B) = 16 & \mathrm{n}(C) = 15 \\ \mathrm{n}(A \cap B) = 7 & \mathrm{n}(A \cap C) = 8 & \mathrm{n}(B \cap C) = 8 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 3 \end{bmatrix}$$

$$No03 = [N = 92, F = 48, V = 53, X = 26]$$

$$No04 = [N = 86, E = 57, M = 44, B = 49, X = 10, Y = 21, Z = 16]$$

$$No05 = [N = 36, G = 19, \mathrm{W} = 21, R = 17, A = 5, B = 6, C = 9, \mathrm{D} = 2]$$

$$No06 = [\mathrm{n}(U) = 43, \mathrm{n}(A' \cap B') = 7, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 14]$$

$$No07 = [N = 40, A = 22, B = 28, C = 19, \mathrm{D} = 11, E = 11, F = 15]$$

$$No08 = [A = 41, B = 21, C = 23, \mathrm{D} = 23, E = 11, F = 31, G = 11]$$

$$No09 = [N = 600, A = 248, B = 258, C = 282, AB = 120, BC = 150, AC = 80, P = 11]$$

$$No10 = [N = 590, S = 60, A = 270, B = 30, C = 170, \mathrm{D} = 110, E = 290]$$

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Set02 for No.10109

$$No01 = [\mathrm{n}(U) = 53, \mathrm{n}(A) = 25, \mathrm{n}(B) = 27, \mathrm{n}(A \cap B) = 12]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 36 & \mathrm{n}(A) = 3 & \mathrm{n}(B) = 21 & \mathrm{n}(C) = 15 \\ \mathrm{n}(A \cap B) = 2 & \mathrm{n}(A \cap C) = 2 & \mathrm{n}(B \cap C) = 10 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 1 \end{bmatrix}$$

$$No03 = [N = 81, F = 43, V = 38, X = 20]$$

$$No04 = [N = 98, E = 38, M = 56, B = 53, X = 10, Y = 22, Z = 9]$$

$$No05 = [N = 28, G = 18, \mathrm{W} = 15, R = 19, A = 8, B = 2, C = 13, \mathrm{D} = 8]$$

$$No06 = [\mathrm{n}(U) = 25, \mathrm{n}(A' \cap B') = 6, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 6]$$

$$No07 = [N = 39, A = 22, B = 22, C = 27, \mathrm{D} = 14, E = 11, F = 11]$$

$$No08 = [A = 25, B = 13, C = 31, \mathrm{D} = 5, E = 15, F = 27, G = 5]$$

$$No09 = [N = 500, A = 243, B = 343, C = 297, AB = 201, BC = 231, AC = 151, P = 22]$$

$$No10 = [N = 830, S = 120, A = 490, B = 270, C = 240, \mathrm{D} = 260, E = 230]$$

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Set02 for No.10180

$$No01 = [\mathrm{n}(U) = 44, \mathrm{n}(A) = 21, \mathrm{n}(B) = 19, \mathrm{n}(A \cap B) = 10]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 46 & \mathrm{n}(A) = 26 & \mathrm{n}(B) = 21 & \mathrm{n}(C) = 27 \\ \mathrm{n}(A \cap B) = 8 & \mathrm{n}(A \cap C) = 16 & \mathrm{n}(B \cap C) = 15 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 7 \end{bmatrix}$$

$$No03 = [N = 71, F = 31, V = 29, X = 11]$$

$$No04 = [N = 102, E = 53, M = 53, B = 63, X = 12, Y = 27, Z = 9]$$

$$No05 = [N = 29, G = 18, \mathrm{W} = 15, R = 20, A = 4, B = 4, C = 8, \mathrm{D} = 3]$$

$$No06 = [\mathrm{n}(U) = 39, \mathrm{n}(A' \cap B') = 16, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 8]$$

$$No07 = [N = 34, A = 19, B = 16, C = 14, \mathrm{D} = 5, E = 9, F = 6]$$

$$No08 = [A = 31, B = 19, C = 31, \mathrm{D} = 14, E = 19, F = 23, G = 12]$$

$$No09 = [N = 600, A = 290, B = 330, C = 252, AB = 142, BC = 112, AC = 132, P = 3]$$

$$No10 = [N = 690, S = 60, A = 230, B = 140, C = 30, \mathrm{D} = 100, E = 250]$$

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Set02 for No.10181

$$No01 = [\mathrm{n}(U) = 37, \mathrm{n}(A) = 15, \mathrm{n}(B) = 24, \mathrm{n}(A \cap B) = 9]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 43 & \mathrm{n}(A) = 14 & \mathrm{n}(B) = 28 & \mathrm{n}(C) = 23 \\ \mathrm{n}(A \cap B) = 10 & \mathrm{n}(A \cap C) = 10 & \mathrm{n}(B \cap C) = 14 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 6 \end{bmatrix}$$

$$No03 = [N = 69, F = 29, V = 43, X = 18]$$

$$No04 = [N = 97, E = 39, M = 32, B = 50, X = 20, Y = 27, Z = 0]$$

$$No05 = [N = 33, G = 21, \mathrm{W} = 18, R = 25, A = 5, B = 4, C = 11, \mathrm{D} = 10]$$

$$No06 = [\mathrm{n}(U) = 54, \mathrm{n}(A' \cap B') = 13, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 16]$$

$$No07 = [N = 30, A = 14, B = 12, C = 19, \mathrm{D} = 5, E = 1, F = 9]$$

$$No08 = [A = 21, B = 10, C = 24, \mathrm{D} = 12, E = 13, F = 25, G = 4]$$

$$No09 = [N = 400, A = 244, B = 224, C = 126, AB = 120, BC = 100, AC = 90, P = 22]$$

$$No10 = [N = 720, S = 40, A = 230, B = 120, C = 60, \mathrm{D} = 130, E = 310]$$

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Set02 for No.10191

$$No01 = [\mathrm{n}(U) = 37, \mathrm{n}(A) = 19, \mathrm{n}(B) = 21, \mathrm{n}(A \cap B) = 11]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 52 & \mathrm{n}(A) = 29 & \mathrm{n}(B) = 20 & \mathrm{n}(C) = 23 \\ \mathrm{n}(A \cap B) = 11 & \mathrm{n}(A \cap C) = 13 & \mathrm{n}(B \cap C) = 8 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 4 \end{bmatrix}$$

$$No03 = [N = 75, F = 33, V = 41, X = 19]$$

$$No04 = [N = 144, E = 78, M = 74, B = 79, X = 19, Y = 34, Z = 17]$$

$$No05 = [N = 43, G = 21, \mathrm{W} = 25, R = 26, A = 6, B = 6, C = 9, \mathrm{D} = 0]$$

$$No06 = [\mathrm{n}(U) = 50, \mathrm{n}(A' \cap B') = 17, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 10]$$

$$No07 = [N = 41, A = 32, B = 24, C = 25, \mathrm{D} = 17, E = 20, F = 13]$$

$$No08 = [A = 26, B = 14, C = 26, \mathrm{D} = 20, E = 13, F = 27, G = 8]$$

$$No09 = [N = 700, A = 280, B = 290, C = 340, AB = 76, BC = 106, AC = 126, P = 2]$$

$$No10 = [N = 730, S = 100, A = 240, B = 80, C = 150, \mathrm{D} = 90, E = 360]$$

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Set02 for No.10281

$$No01 = [n(U) = 26, n(A) = 12, n(B) = 16, n(A \cap B) = 7]$$

$$No02 = \begin{bmatrix} n(U) = 34 & n(A) = 18 & n(B) = 17 & n(C) = 16 \\ n(A \cap B) = 10 & n(A \cap C) = 14 & n(B \cap C) = 7 & n(\text{intersect}(A, B, C)) = 6 \end{bmatrix}$$

$$No03 = [N = 55, F = 31, V = 26, X = 15]$$

$$No04 = [N = 140, E = 70, M = 63, B = 80, X = 19, Y = 43, Z = 8]$$

$$No05 = [N = 32, G = 18, \mathrm{W} = 19, R = 22, A = 7, B = 1, C = 12, \mathrm{D} = 9]$$

$$No06 = [n(U) = 62, n(A' \cap B') = 14, (n(B \cap A') = n(A \cap B')) = 17]$$

$$No07 = [N = 45, A = 27, B = 20, C = 24, \mathrm{D} = 8, E = 11, F = 9]$$

$$No08 = [A = 31, B = 13, C = 34, \mathrm{D} = 10, E = 14, F = 29, G = 4]$$

$$No09 = [N = 600, A = 259, B = 189, C = 271, AB = 57, BC = 77, AC = 87, P = 1]$$

$$No10 = [N = 750, S = 120, A = 450, B = 270, C = 200, \mathrm{D} = 280, E = 140]$$

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Set02 for No.10437

$$No01 = [n(U) = 44, n(A) = 16, n(B) = 24, n(A \cap B) = 9]$$

$$No02 = \begin{bmatrix} n(U) = 44 & n(A) = 21 & n(B) = 21 & n(C) = 32 \\ n(A \cap B) = 8 & n(A \cap C) = 13 & n(B \cap C) = 18 & n(\text{intersect}(A, B, C)) = 8 \end{bmatrix}$$

$$No03 = [N = 80, F = 34, V = 39, X = 12]$$

$$No04 = [N = 102, E = 70, M = 49, B = 53, X = 13, Y = 32, Z = 18]$$

$$No05 = [N = 45, G = 25, \mathrm{W} = 29, R = 32, A = 8, B = 2, C = 17, \mathrm{D} = 10]$$

$$No06 = [n(U) = 52, n(A' \cap B') = 16, (n(B \cap A') = n(A \cap B')) = 12]$$

$$No07 = [N = 43, A = 26, B = 32, C = 26, \mathrm{D} = 18, E = 18, F = 15]$$

$$No08 = [A = 20, B = 6, C = 18, \mathrm{D} = 9, E = 8, F = 25, G = 2]$$

$$No09 = [N = 600, A = 193, B = 183, C = 385, AB = 33, BC = 133, AC = 133, P = 3]$$

$$No10 = [N = 720, S = 130, A = 380, B = 170, C = 140, \mathrm{D} = 230, E = 190]$$

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Set02 for No.10493

$$No01 = [n(U) = 36, n(A) = 17, n(B) = 25, n(A \cap B) = 11]$$

$$No02 = \begin{bmatrix} n(U) = 39 & n(A) = 20 & n(B) = 22 & n(C) = 23 \\ n(A \cap B) = 8 & n(A \cap C) = 15 & n(B \cap C) = 9 & n(\text{intersect}(A, B, C)) = 5 \end{bmatrix}$$

$$No03 = [N = 62, F = 29, V = 30, X = 11]$$

$$No04 = [N = 83, E = 40, M = 54, B = 38, X = 10, Y = 11, Z = 7]$$

$$No05 = [N = 31, G = 17, \mathrm{W} = 20, R = 20, A = 6, B = 4, C = 12, \mathrm{D} = 5]$$

$$No06 = [n(U) = 36, n(A' \cap B') = 11, (n(B \cap A') = n(A \cap B')) = 8]$$

$$No07 = [N = 40, A = 20, B = 24, C = 28, \mathrm{D} = 12, E = 10, F = 12]$$

$$No08 = [A = 28, B = 16, C = 33, \mathrm{D} = 14, E = 10, F = 26, G = 4]$$

$$No09 = [N = 600, A = 312, B = 282, C = 212, AB = 154, BC = 44, AC = 134, P = 5]$$

$$No10 = [N = 670, S = 90, A = 400, B = 160, C = 250, \mathrm{D} = 290, E = 240]$$

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Set02 for No.10596

$$No01 = [\mathrm{n}(U) = 43, \mathrm{n}(A) = 24, \mathrm{n}(B) = 28, \mathrm{n}(A \cap B) = 14]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 34 & \mathrm{n}(A) = 15 & \mathrm{n}(B) = 20 & \mathrm{n}(C) = 15 \\ \mathrm{n}(A \cap B) = 8 & \mathrm{n}(A \cap C) = 1 & \mathrm{n}(B \cap C) = 9 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 1 \end{bmatrix}$$

$$No03 = [N = 84, F = 45, V = 43, X = 27]$$

$$No04 = [N = 96, E = 57, M = 49, B = 38, X = 13, Y = 15, Z = 15]$$

$$No05 = [N = 29, G = 17, \mathrm{W} = 18, R = 23, A = 0, B = 2, C = 6, \mathrm{D} = 5]$$

$$No06 = [\mathrm{n}(U) = 46, \mathrm{n}(A' \cap B') = 8, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 15]$$

$$No07 = [N = 41, A = 32, B = 17, C = 23, \mathrm{D} = 18, E = 12, F = 9]$$

$$No08 = [A = 19, B = 9, C = 22, \mathrm{D} = 9, E = 9, F = 27, G = 2]$$

$$No09 = [N = 400, A = 105, B = 195, C = 275, AB = 65, BC = 125, AC = 85, P = 15]$$

$$No10 = [N = 760, S = 80, A = 390, B = 200, C = 180, \mathrm{D} = 290, E = 290]$$

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Set02 for No.10599

$$No01 = [\mathrm{n}(U) = 35, \mathrm{n}(A) = 11, \mathrm{n}(B) = 17, \mathrm{n}(A \cap B) = 6]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 49 & \mathrm{n}(A) = 23 & \mathrm{n}(B) = 28 & \mathrm{n}(C) = 20 \\ \mathrm{n}(A \cap B) = 15 & \mathrm{n}(A \cap C) = 9 & \mathrm{n}(B \cap C) = 11 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 8 \end{bmatrix}$$

$$No03 = [N = 78, F = 44, V = 32, X = 19]$$

$$No04 = [N = 120, E = 52, M = 63, B = 60, X = 19, Y = 30, Z = 10]$$

$$No05 = [N = 40, G = 19, \mathrm{W} = 23, R = 18, A = 5, B = 9, C = 7, \mathrm{D} = 2]$$

$$No06 = [\mathrm{n}(U) = 49, \mathrm{n}(A' \cap B') = 7, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 17]$$

$$No07 = [N = 34, A = 19, B = 20, C = 29, \mathrm{D} = 14, E = 14, F = 16]$$

$$No08 = [A = 25, B = 20, C = 34, \mathrm{D} = 13, E = 20, F = 32, G = 8]$$

$$No09 = [N = 700, A = 349, B = 399, C = 319, AB = 191, BC = 171, AC = 131, P = 11]$$

$$No10 = [N = 880, S = 100, A = 510, B = 300, C = 260, \mathrm{D} = 270, E = 280]$$

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Set02 for No.11068

$$No01 = [\mathrm{n}(U) = 43, \mathrm{n}(A) = 20, \mathrm{n}(B) = 23, \mathrm{n}(A \cap B) = 14]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 42 & \mathrm{n}(A) = 20 & \mathrm{n}(B) = 10 & \mathrm{n}(C) = 16 \\ \mathrm{n}(A \cap B) = 6 & \mathrm{n}(A \cap C) = 6 & \mathrm{n}(B \cap C) = 1 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 0 \end{bmatrix}$$

$$No03 = [N = 75, F = 37, V = 29, X = 17]$$

$$No04 = [N = 105, E = 62, M = 41, B = 45, X = 18, Y = 23, Z = 9]$$

$$No05 = [N = 39, G = 31, \mathrm{W} = 19, R = 23, A = 4, B = 4, C = 15, \mathrm{D} = 9]$$

$$No06 = [\mathrm{n}(U) = 51, \mathrm{n}(A' \cap B') = 5, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 15]$$

$$No07 = [N = 32, A = 10, B = 20, C = 16, \mathrm{D} = 4, E = 2, F = 8]$$

$$No08 = [A = 15, B = 8, C = 23, \mathrm{D} = 12, E = 16, F = 33, G = 5]$$

$$No09 = [N = 400, A = 270, B = 140, C = 140, AB = 130, BC = 70, AC = 90, P = 15]$$

$$No10 = [N = 800, S = 100, A = 300, B = 50, C = 160, \mathrm{D} = 130, E = 460]$$

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Set02 for No.11423

$$No01 = [n(U) = 51, n(A) = 23, n(B) = 25, n(A \cap B) = 12]$$

$$No02 = \begin{bmatrix} n(U) = 44 & n(A) = 24 & n(B) = 22 & n(C) = 29 \\ n(A \cap B) = 10 & n(A \cap C) = 18 & n(B \cap C) = 17 & n(\text{intersect}(A, B, C)) = 10 \end{bmatrix}$$

$$No03 = [N = 79, F = 39, V = 41, X = 24]$$

$$No04 = [N = 120, E = 61, M = 47, B = 64, X = 15, Y = 44, Z = 16]$$

$$No05 = [N = 55, G = 30, \mathrm{W} = 31, R = 35, A = 10, B = 7, C = 16, \mathrm{D} = 7]$$

$$No06 = [n(U) = 56, n(A' \cap B') = 13, (n(B \cap A') = n(A \cap B')) = 14]$$

$$No07 = [N = 22, A = 9, B = 9, C = 17, \mathrm{D} = 4, E = 4, F = 6]$$

$$No08 = [A = 39, B = 23, C = 28, \mathrm{D} = 18, E = 15, F = 29, G = 12]$$

$$No09 = [N = 600, A = 370, B = 200, C = 290, AB = 172, BC = 52, AC = 162, P = 8]$$

$$No10 = [N = 790, S = 160, A = 310, B = 110, C = 200, \mathrm{D} = 220, E = 260]$$

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Set02 for No.11440

$$No01 = [n(U) = 34, n(A) = 16, n(B) = 17, n(A \cap B) = 6]$$

$$No02 = \begin{bmatrix} n(U) = 46 & n(A) = 23 & n(B) = 30 & n(C) = 21 \\ n(A \cap B) = 17 & n(A \cap C) = 12 & n(B \cap C) = 19 & n(\text{intersect}(A, B, C)) = 10 \end{bmatrix}$$

$$No03 = [N = 73, F = 43, V = 39, X = 24]$$

$$No04 = [N = 103, E = 52, M = 44, B = 55, X = 14, Y = 32, Z = 7]$$

$$No05 = [N = 38, G = 21, \mathrm{W} = 27, R = 26, A = 5, B = 4, C = 15, \mathrm{D} = 8]$$

$$No06 = [n(U) = 53, n(A' \cap B') = 11, (n(B \cap A') = n(A \cap B')) = 15]$$

$$No07 = [N = 45, A = 22, B = 19, C = 26, \mathrm{D} = 11, E = 5, F = 8]$$

$$No08 = [A = 19, B = 12, C = 28, \mathrm{D} = 12, E = 15, F = 20, G = 9]$$

$$No09 = [N = 600, A = 340, B = 140, C = 322, AB = 110, BC = 70, AC = 190, P = 10]$$

$$No10 = [N = 640, S = 150, A = 300, B = 170, C = 160, \mathrm{D} = 110, E = 170]$$

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Set02 for No.11466

$$No01 = [n(U) = 44, n(A) = 21, n(B) = 24, n(A \cap B) = 14]$$

$$No02 = \begin{bmatrix} n(U) = 46 & n(A) = 25 & n(B) = 29 & n(C) = 27 \\ n(A \cap B) = 14 & n(A \cap C) = 12 & n(B \cap C) = 16 & n(\text{intersect}(A, B, C)) = 7 \end{bmatrix}$$

$$No03 = [N = 71, F = 34, V = 45, X = 21]$$

$$No04 = [N = 132, E = 70, M = 68, B = 57, X = 19, Y = 24, Z = 20]$$

$$No05 = [N = 38, G = 18, \mathrm{W} = 19, R = 21, A = 9, B = 6, C = 8, \mathrm{D} = 1]$$

$$No06 = [n(U) = 39, n(A' \cap B') = 12, (n(B \cap A') = n(A \cap B')) = 7]$$

$$No07 = [N = 32, A = 16, B = 23, C = 16, \mathrm{D} = 6, E = 8, F = 11]$$

$$No08 = [A = 36, B = 21, C = 30, \mathrm{D} = 13, E = 18, F = 23, G = 10]$$

$$No09 = [N = 700, A = 364, B = 294, C = 328, AB = 162, BC = 122, AC = 142, P = 8]$$

$$No10 = [N = 730, S = 160, A = 260, B = 100, C = 160, \mathrm{D} = 180, E = 230]$$

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Set02 for No.11863

$$No01 = [n(U) = 53, n(A) = 23, n(B) = 28, n(A \cap B) = 13]$$

$$No02 = \begin{bmatrix} n(U) = 32 & n(A) = 12 & n(B) = 10 & n(C) = 16 \\ n(A \cap B) = 2 & n(A \cap C) = 5 & n(B \cap C) = 4 & n(\text{intersect}(A, B, C)) = 1 \end{bmatrix}$$

$$No03 = [N = 84, F = 47, V = 43, X = 22]$$

$$No04 = [N = 104, E = 50, M = 41, B = 50, X = 17, Y = 24, Z = 8]$$

$$No05 = [N = 41, G = 24, \mathrm{W} = 29, R = 28, A = 7, B = 4, C = 19, \mathrm{D} = 10]$$

$$No06 = [n(U) = 45, n(A' \cap B') = 5, (n(B \cap A') = n(A \cap B')) = 17]$$

$$No07 = [N = 49, A = 37, B = 24, C = 24, \mathrm{D} = 17, E = 19, F = 9]$$

$$No08 = [A = 29, B = 15, C = 25, \mathrm{D} = 20, E = 18, F = 33, G = 9]$$

$$No09 = [N = 600, A = 266, B = 306, C = 348, AB = 132, BC = 172, AC = 232, P = 20]$$

$$No10 = [N = 600, S = 30, A = 380, B = 170, C = 170, \mathrm{D} = 160, E = 270]$$

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Set02 for No.11967

$$No01 = [n(U) = 45, n(A) = 16, n(B) = 26, n(A \cap B) = 11]$$

$$No02 = \begin{bmatrix} n(U) = 53 & n(A) = 25 & n(B) = 29 & n(C) = 31 \\ n(A \cap B) = 12 & n(A \cap C) = 13 & n(B \cap C) = 18 & n(\text{intersect}(A, B, C)) = 10 \end{bmatrix}$$

$$No03 = [N = 75, F = 38, V = 44, X = 25]$$

$$No04 = [N = 95, E = 32, M = 48, B = 46, X = 7, Y = 20, Z = 0]$$

$$No05 = [N = 44, G = 20, \mathrm{W} = 24, R = 31, A = 10, B = 10, C = 10, \mathrm{D} = 9]$$

$$No06 = [n(U) = 51, n(A' \cap B') = 10, (n(B \cap A') = n(A \cap B')) = 14]$$

$$No07 = [N = 35, A = 21, B = 16, C = 20, \mathrm{D} = 10, E = 12, F = 4]$$

$$No08 = [A = 16, B = 7, C = 21, \mathrm{D} = 11, E = 13, F = 25, G = 3]$$

$$No09 = [N = 400, A = 193, B = 143, C = 237, AB = 71, BC = 91, AC = 151, P = 10]$$

$$No10 = [N = 680, S = 50, A = 380, B = 180, C = 250, \mathrm{D} = 130, E = 290]$$

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Set02 for No.12577

$$No01 = [n(U) = 42, n(A) = 18, n(B) = 15, n(A \cap B) = 5]$$

$$No02 = \begin{bmatrix} n(U) = 48 & n(A) = 23 & n(B) = 28 & n(C) = 27 \\ n(A \cap B) = 16 & n(A \cap C) = 15 & n(B \cap C) = 17 & n(\text{intersect}(A, B, C)) = 9 \end{bmatrix}$$

$$No03 = [N = 75, F = 42, V = 39, X = 18]$$

$$No04 = [N = 142, E = 57, M = 76, B = 64, X = 18, Y = 30, Z = 20]$$

$$No05 = [N = 37, G = 7, \mathrm{W} = 24, R = 23, A = 10, B = 10, C = 4, \mathrm{D} = 3]$$

$$No06 = [n(U) = 57, n(A' \cap B') = 6, (n(B \cap A') = n(A \cap B')) = 17]$$

$$No07 = [N = 36, A = 28, B = 21, C = 20, \mathrm{D} = 16, E = 14, F = 12]$$

$$No08 = [A = 25, B = 21, C = 45, \mathrm{D} = 11, E = 22, F = 30, G = 10]$$

$$No09 = [N = 400, A = 139, B = 239, C = 153, AB = 83, BC = 63, AC = 53, P = 5]$$

$$No10 = [N = 710, S = 60, A = 370, B = 220, C = 200, \mathrm{D} = 110, E = 380]$$

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Set02 for No.13031

$$No01 = [\mathrm{n}(U) = 41, \mathrm{n}(A) = 12, \mathrm{n}(B) = 20, \mathrm{n}(A \cap B) = 5]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 26 & \mathrm{n}(A) = 9 & \mathrm{n}(B) = 10 & \mathrm{n}(C) = 19 \\ \mathrm{n}(A \cap B) = 2 & \mathrm{n}(A \cap C) = 8 & \mathrm{n}(B \cap C) = 5 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 2 \end{bmatrix}$$

$$No03 = [N = 63, F = 38, V = 34, X = 23]$$

$$No04 = [N = 111, E = 43, M = 51, B = 65, X = 19, Y = 34, Z = 0]$$

$$No05 = [N = 43, G = 28, \mathrm{W} = 24, R = 32, A = 7, B = 2, C = 16, \mathrm{D} = 9]$$

$$No06 = [\mathrm{n}(U) = 47, \mathrm{n}(A' \cap B') = 14, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 14]$$

$$No07 = [N = 38, A = 18, B = 19, C = 31, \mathrm{D} = 12, E = 8, F = 16]$$

$$No08 = [A = 29, B = 23, C = 42, \mathrm{D} = 16, E = 19, F = 34, G = 12]$$

$$No09 = [N = 600, A = 304, B = 384, C = 336, AB = 222, BC = 232, AC = 132, P = 16]$$

$$No10 = [N = 570, S = 90, A = 320, B = 100, C = 140, \mathrm{D} = 220, E = 230]$$

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Set02 for No.13093

$$No01 = [\mathrm{n}(U) = 50, \mathrm{n}(A) = 21, \mathrm{n}(B) = 28, \mathrm{n}(A \cap B) = 13]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 55 & \mathrm{n}(A) = 31 & \mathrm{n}(B) = 28 & \mathrm{n}(C) = 35 \\ \mathrm{n}(A \cap B) = 18 & \mathrm{n}(A \cap C) = 18 & \mathrm{n}(B \cap C) = 18 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 9 \end{bmatrix}$$

$$No03 = [N = 84, F = 35, V = 46, X = 22]$$

$$No04 = [N = 107, E = 59, M = 42, B = 64, X = 9, Y = 41, Z = 19]$$

$$No05 = [N = 35, G = 25, \mathrm{W} = 21, R = 22, A = 1, B = 7, C = 12, \mathrm{D} = 9]$$

$$No06 = [\mathrm{n}(U) = 39, \mathrm{n}(A' \cap B') = 14, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 6]$$

$$No07 = [N = 38, A = 24, B = 23, C = 19, \mathrm{D} = 7, E = 15, F = 13]$$

$$No08 = [A = 28, B = 8, C = 16, \mathrm{D} = 15, E = 7, F = 27, G = 7]$$

$$No09 = [N = 700, A = 415, B = 335, C = 330, AB = 181, BC = 171, AC = 231, P = 17]$$

$$No10 = [N = 730, S = 110, A = 360, B = 260, C = 220, \mathrm{D} = 180, E = 170]$$

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Set02 for No.13163

$$No01 = [\mathrm{n}(U) = 41, \mathrm{n}(A) = 18, \mathrm{n}(B) = 23, \mathrm{n}(A \cap B) = 11]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 51 & \mathrm{n}(A) = 34 & \mathrm{n}(B) = 23 & \mathrm{n}(C) = 26 \\ \mathrm{n}(A \cap B) = 20 & \mathrm{n}(A \cap C) = 16 & \mathrm{n}(B \cap C) = 11 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 10 \end{bmatrix}$$

$$No03 = [N = 78, F = 33, V = 39, X = 18]$$

$$No04 = [N = 123, E = 54, M = 60, B = 68, X = 7, Y = 42, Z = 13]$$

$$No05 = [N = 20, G = 11, \mathrm{W} = 12, R = 10, A = 5, B = 4, C = 8, \mathrm{D} = 3]$$

$$No06 = [\mathrm{n}(U) = 32, \mathrm{n}(A' \cap B') = 12, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 5]$$

$$No07 = [N = 36, A = 22, B = 18, C = 16, \mathrm{D} = 6, E = 8, F = 8]$$

$$No08 = [A = 37, B = 23, C = 44, \mathrm{D} = 18, E = 22, F = 32, G = 12]$$

$$No09 = [N = 400, A = 191, B = 231, C = 141, AB = 127, BC = 97, AC = 47, P = 5]$$

$$No10 = [N = 590, S = 140, A = 230, B = 100, C = 110, \mathrm{D} = 220, E = 180]$$

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Set02 for No.13403

$$No01 = [\mathrm{n}(U) = 38, \mathrm{n}(A) = 19, \mathrm{n}(B) = 21, \mathrm{n}(A \cap B) = 7]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 37 & \mathrm{n}(A) = 21 & \mathrm{n}(B) = 19 & \mathrm{n}(C) = 26 \\ \mathrm{n}(A \cap B) = 11 & \mathrm{n}(A \cap C) = 15 & \mathrm{n}(B \cap C) = 12 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 5 \end{bmatrix}$$

$$No03 = [N = 94, F = 47, V = 46, X = 20]$$

$$No04 = [N = 94, E = 36, M = 55, B = 41, X = 8, Y = 17, Z = 8]$$

$$No05 = [N = 46, G = 28, \mathrm{W} = 32, R = 21, A = 1, B = 10, C = 15, \mathrm{D} = 9]$$

$$No06 = [\mathrm{n}(U) = 51, \mathrm{n}(A' \cap B') = 17, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 11]$$

$$No07 = [N = 46, A = 30, B = 28, C = 25, \mathrm{D} = 19, E = 17, F = 11]$$

$$No08 = [A = 28, B = 14, C = 26, \mathrm{D} = 16, E = 9, F = 24, G = 6]$$

$$No09 = [N = 600, A = 331, B = 251, C = 271, AB = 159, BC = 119, AC = 89, P = 8]$$

$$No10 = [N = 740, S = 50, A = 370, B = 200, C = 120, \mathrm{D} = 270, E = 200]$$

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Set02 for No.13459

$$No01 = [\mathrm{n}(U) = 28, \mathrm{n}(A) = 13, \mathrm{n}(B) = 14, \mathrm{n}(A \cap B) = 5]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 39 & \mathrm{n}(A) = 24 & \mathrm{n}(B) = 18 & \mathrm{n}(C) = 26 \\ \mathrm{n}(A \cap B) = 11 & \mathrm{n}(A \cap C) = 16 & \mathrm{n}(B \cap C) = 11 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 6 \end{bmatrix}$$

$$No03 = [N = 68, F = 36, V = 32, X = 21]$$

$$No04 = [N = 110, E = 71, M = 40, B = 54, X = 16, Y = 41, Z = 20]$$

$$No05 = [N = 31, G = 19, \mathrm{W} = 11, R = 16, A = 10, B = 0, C = 9, \mathrm{D} = 2]$$

$$No06 = [\mathrm{n}(U) = 38, \mathrm{n}(A' \cap B') = 6, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 9]$$

$$No07 = [N = 29, A = 17, B = 21, C = 9, \mathrm{D} = 4, E = 10, F = 6]$$

$$No08 = [A = 16, B = 11, C = 17, \mathrm{D} = 7, E = 7, F = 24, G = 2]$$

$$No09 = [N = 700, A = 408, B = 338, C = 301, AB = 164, BC = 164, AC = 194, P = 11]$$

$$No10 = [N = 570, S = 50, A = 350, B = 130, C = 160, \mathrm{D} = 240, E = 170]$$

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Set02 for No.13581

$$No01 = [\mathrm{n}(U) = 41, \mathrm{n}(A) = 27, \mathrm{n}(B) = 19, \mathrm{n}(A \cap B) = 13]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 47 & \mathrm{n}(A) = 27 & \mathrm{n}(B) = 17 & \mathrm{n}(C) = 25 \\ \mathrm{n}(A \cap B) = 7 & \mathrm{n}(A \cap C) = 13 & \mathrm{n}(B \cap C) = 8 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 3 \end{bmatrix}$$

$$No03 = [N = 53, F = 24, V = 28, X = 12]$$

$$No04 = [N = 107, E = 63, M = 62, B = 28, X = 22, Y = 8, Z = 21]$$

$$No05 = [N = 38, G = 19, \mathrm{W} = 24, R = 25, A = 2, B = 7, C = 7, \mathrm{D} = 7]$$

$$No06 = [\mathrm{n}(U) = 44, \mathrm{n}(A' \cap B') = 6, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 16]$$

$$No07 = [N = 27, A = 18, B = 16, C = 14, \mathrm{D} = 8, E = 7, F = 9]$$

$$No08 = [A = 36, B = 19, C = 36, \mathrm{D} = 17, E = 14, F = 25, G = 9]$$

$$No09 = [N = 500, A = 240, B = 250, C = 290, AB = 120, BC = 120, AC = 160, P = 8]$$

$$No10 = [N = 550, S = 30, A = 420, B = 130, C = 270, \mathrm{D} = 260, E = 220]$$

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Set02 for No.13668

$$No01 = [\mathrm{n}(U) = 44, \mathrm{n}(A) = 23, \mathrm{n}(B) = 21, \mathrm{n}(A \cap B) = 9]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 46 & \mathrm{n}(A) = 13 & \mathrm{n}(B) = 27 & \mathrm{n}(C) = 26 \\ \mathrm{n}(A \cap B) = 11 & \mathrm{n}(A \cap C) = 9 & \mathrm{n}(B \cap C) = 15 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 7 \end{bmatrix}$$

$$No03 = [N = 62, F = 23, V = 28, X = 11]$$

$$No04 = [N = 109, E = 57, M = 51, B = 48, X = 20, Y = 15, Z = 10]$$

$$No05 = [N = 34, G = 18, \mathrm{W} = 26, R = 22, A = 3, B = 3, C = 13, \mathrm{D} = 7]$$

$$No06 = [\mathrm{n}(U) = 42, \mathrm{n}(A' \cap B') = 6, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 10]$$

$$No07 = [N = 34, A = 20, B = 29, C = 14, \mathrm{D} = 8, E = 17, F = 11]$$

$$No08 = [A = 27, B = 14, C = 23, \mathrm{D} = 14, E = 12, F = 29, G = 4]$$

$$No09 = [N = 700, A = 285, B = 355, C = 319, AB = 121, BC = 171, AC = 121, P = 7]$$

$$No10 = [N = 680, S = 80, A = 480, B = 210, C = 200, \mathrm{D} = 230, E = 140]$$

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Set02 for No.13716

$$No01 = [\mathrm{n}(U) = 37, \mathrm{n}(A) = 25, \mathrm{n}(B) = 16, \mathrm{n}(A \cap B) = 11]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 31 & \mathrm{n}(A) = 19 & \mathrm{n}(B) = 22 & \mathrm{n}(C) = 17 \\ \mathrm{n}(A \cap B) = 15 & \mathrm{n}(A \cap C) = 12 & \mathrm{n}(B \cap C) = 14 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 9 \end{bmatrix}$$

$$No03 = [N = 70, F = 36, V = 33, X = 17]$$

$$No04 = [N = 115, E = 65, M = 70, B = 55, X = 11, Y = 18, Z = 22]$$

$$No05 = [N = 44, G = 25, \mathrm{W} = 32, R = 18, A = 3, B = 10, C = 16, \mathrm{D} = 7]$$

$$No06 = [\mathrm{n}(U) = 52, \mathrm{n}(A' \cap B') = 9, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 15]$$

$$No07 = [N = 37, A = 16, B = 18, C = 26, \mathrm{D} = 11, E = 3, F = 10]$$

$$No08 = [A = 24, B = 12, C = 22, \mathrm{D} = 13, E = 7, F = 16, G = 5]$$

$$No09 = [N = 500, A = 335, B = 355, C = 185, AB = 225, BC = 145, AC = 135, P = 20]$$

$$No10 = [N = 500, S = 30, A = 180, B = 50, C = 30, \mathrm{D} = 140, E = 230]$$

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Set02 for No.13720

$$No01 = [\mathrm{n}(U) = 28, \mathrm{n}(A) = 13, \mathrm{n}(B) = 12, \mathrm{n}(A \cap B) = 5]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 45 & \mathrm{n}(A) = 28 & \mathrm{n}(B) = 17 & \mathrm{n}(C) = 19 \\ \mathrm{n}(A \cap B) = 9 & \mathrm{n}(A \cap C) = 13 & \mathrm{n}(B \cap C) = 9 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 3 \end{bmatrix}$$

$$No03 = [N = 76, F = 40, V = 44, X = 20]$$

$$No04 = [N = 120, E = 53, M = 71, B = 62, X = 9, Y = 27, Z = 14]$$

$$No05 = [N = 46, G = 24, \mathrm{W} = 30, R = 28, A = 6, B = 8, C = 14, \mathrm{D} = 10]$$

$$No06 = [\mathrm{n}(U) = 49, \mathrm{n}(A' \cap B') = 11, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 11]$$

$$No07 = [N = 25, A = 14, B = 19, C = 12, \mathrm{D} = 4, E = 9, F = 9]$$

$$No08 = [A = 23, B = 12, C = 20, \mathrm{D} = 12, E = 14, F = 19, G = 9]$$

$$No09 = [N = 500, A = 305, B = 235, C = 255, AB = 125, BC = 115, AC = 185, P = 18]$$

$$No10 = [N = 610, S = 20, A = 370, B = 210, C = 220, \mathrm{D} = 140, E = 180]$$

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 Set02 for No.14714
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$$No01 = [\mathrm{n}(U) = 39, \mathrm{n}(A) = 17, \mathrm{n}(B) = 22, \mathrm{n}(A \cap B) = 9]$$

$$No02 = \begin{bmatrix} \mathrm{n}(U) = 47 & \mathrm{n}(A) = 29 & \mathrm{n}(B) = 24 & \mathrm{n}(C) = 22 \\ \mathrm{n}(A \cap B) = 13 & \mathrm{n}(A \cap C) = 12 & \mathrm{n}(B \cap C) = 14 & \mathrm{n}(\mathrm{intersect}(A, B, C)) = 6 \end{bmatrix}$$

$$No03 = [N = 84, F = 46, V = 38, X = 22]$$

$$No04 = [N = 107, E = 43, M = 57, B = 62, X = 8, Y = 34, Z = 12]$$

$$No05 = [N = 31, G = 10, \mathrm{W} = 20, R = 21, A = 9, B = 5, C = 8, \mathrm{D} = 5]$$

$$No06 = [\mathrm{n}(U) = 34, \mathrm{n}(A' \cap B') = 7, (\mathrm{n}(B \cap A') = \mathrm{n}(A \cap B')) = 6]$$

$$No07 = [N = 42, A = 28, B = 14, C = 30, \mathrm{D} = 16, E = 8, F = 12]$$

$$No08 = [A = 18, B = 4, C = 24, \mathrm{D} = 13, E = 11, F = 32, G = 1]$$

$$No09 = [N = 600, A = 374, B = 284, C = 328, AB = 110, BC = 180, AC = 210, P = 13]$$

$$No10 = [N = 590, S = 60, A = 320, B = 120, C = 180, \mathrm{D} = 60, E = 340]$$

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