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X Math@MUT XXXM4/1-6400102-00055XX
Set02 for No.644129

$$No01 = [n(U) = 41, n(A) = 29, n(B) = 19, n(A \cap B) = 14]$$

$$No02 = \left[\begin{array}{cccc} n(U) = 31 & n(A) = 20 & n(B) = 22 & n(C) = 19 \\ n(A \cap B) = 12 & n(A \cap C) = 11 & n(B \cap C) = 11 & n(\text{intersect}(A, B, C)) = 4 \end{array} \right]$$

$$No03 = [N = 87, F = 45, V = 42, X = 25]$$

$$No04 = [N = 141, E = 76, M = 68, B = 65, X = 23, Y = 27, Z = 22]$$

$$No05 = [N = 30, G = 16, W = 23, R = 17, A = 2, B = 3, C = 11, D = 1]$$

$$No06 = [n(U) = 61, n(A' \cap B') = 17, (n(B \cap A') = n(A \cap B')) = 17]$$

$$No07 = [N = 32, A = 16, B = 18, C = 15, D = 2, E = 7, F = 8]$$

$$No08 = [A = 32, B = 12, C = 25, D = 11, E = 7, F = 25, G = 1]$$

$$No09 = [N = 500, A = 225, B = 265, C = 275, AB = 105, BC = 185, AC = 105, P = 16]$$

$$No10 = [N = 660, S = 160, A = 270, B = 60, C = 140, D = 150, E = 170]$$

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Set02 for No.644130

$$No01 = [n(U) = 42, n(A) = 20, n(B) = 13, n(A \cap B) = 6]$$

$$No02 = \left[\begin{array}{cccc} n(U) = 37 & n(A) = 16 & n(B) = 13 & n(C) = 24 \\ n(A \cap B) = 3 & n(A \cap C) = 7 & n(B \cap C) = 7 & n(\text{intersect}(A, B, C)) = 0 \end{array} \right]$$

$$No03 = [N = 79, F = 38, V = 34, X = 13]$$

$$No04 = [N = 124, E = 71, M = 48, B = 62, X = 15, Y = 41, Z = 12]$$

$$No05 = [N = 43, G = 21, W = 15, R = 23, A = 10, B = 7, C = 3, D = 0]$$

$$No06 = [n(U) = 42, n(A' \cap B') = 5, (n(B \cap A') = n(A \cap B')) = 14]$$

$$No07 = [N = 48, A = 26, B = 29, C = 28, D = 14, E = 11, F = 15]$$

$$No08 = [A = 36, B = 14, C = 23, D = 21, E = 13, F = 27, G = 9]$$

$$No09 = [N = 600, A = 373, B = 313, C = 285, AB = 183, BC = 113, AC = 213, P = 18]$$

$$No10 = [N = 720, S = 150, A = 370, B = 130, C = 190, D = 110, E = 280]$$

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