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TrigonometryExercise7 for No.9395

$$No1 = \begin{bmatrix} .1 = [a = 54, b = 54, c = (54\sqrt{3} = 93.53)] \\ .2 = [B = 45^{o}, c = (30\sqrt{3} - 30 = 21.96), a = (30\sqrt{2}\sqrt{3} = 73.48)] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [C = 75^{o}, A = 60^{o}, b = (22\sqrt{2}\sqrt{3} = 53.89)] \\ .2 = [C = 45^{o}, B = 75^{o}, a = (36\sqrt{2}\sqrt{3} = 88.18)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [B = 30^{o}, a = 78, c = (78\sqrt{3} = 135.10)] \\ .2 = [A = 60^{o}, b = (18\sqrt{2}\sqrt{3} = 44.09), c = (9\sqrt{2}\sqrt{3} + 27\sqrt{2} = 60.23)] \end{bmatrix}$$

$$No4 = [a = 66, b = (66\sqrt{3} = 114.32), A = 30^{o}]$$

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TrigonometryExercise7 for No.9419

$$No1 = \begin{bmatrix} .1 = [a = (45 + 45\sqrt{3} = 122.94), b = 90, c = (45\sqrt{2}\sqrt{3} = 110.23)] \\ .2 = [A = 60^{o}, b = (11\sqrt{2}\sqrt{3} + 33\sqrt{2} = 73.61), c = (22\sqrt{2}\sqrt{3} = 53.89)] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [A = 45^{o}, B = 75^{o}, c = (24\sqrt{2}\sqrt{3} = 58.79)] \\ .2 = [B = 30^{o}, C = 30^{o}, a = (42\sqrt{3} = 72.75)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [C = 45^{o}, b = (15\sqrt{3} - 15 = 10.98), a = (15\sqrt{2}\sqrt{3} = 36.74)] \\ .2 = [A = 60^{o}, c = (20\sqrt{2}\sqrt{3} = 48.99), b = (10\sqrt{2}\sqrt{3} + 30\sqrt{2} = 66.92)] \end{bmatrix}$$

$$No4 = [a = 90, b = (90\sqrt{3} = 155.88), A = 30^{o}]$$

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TrigonometryExercise7 for No.9428

$$No1 = \begin{bmatrix} .1 = [B = 45^{o}, a = (24 + 24\sqrt{3} = 65.57), c = (24\sqrt{2} = 33.94)] \\ .2 = [a = 42, b = (21\sqrt{2}\sqrt{3} - 21\sqrt{2} = 21.74), c = (42\sqrt{2} = 59.40)] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [B = 15^{o}, C = 45^{o}, a = (27\sqrt{2}\sqrt{3} = 66.14)] \\ .2 = [A = 60^{o}, C = 75^{o}, b = (16\sqrt{2}\sqrt{3} = 39.19)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [C = 60^{o}, a = (10\sqrt{2}\sqrt{3} = 24.49), b = (5\sqrt{2}\sqrt{3} + 15\sqrt{2} = 33.46)] \\ .2 = [A = 30^{o}, c = (21\sqrt{2}\sqrt{3} - 21\sqrt{2} = 21.74), b = (42\sqrt{2} = 59.40)] \end{bmatrix}$$

$$No4 = [a = 72, b = (36\sqrt{2}\sqrt{3} = 88.18), A = 45^{o}]$$

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TrigonometryExercise7 for No.9459

$$No1 = \begin{bmatrix} .1 = [A = 30^{o}, b = (48\sqrt{2} = 67.88), c = (24\sqrt{2}\sqrt{3} - 24\sqrt{2} = 24.85)] \\ .2 = [a = (18\sqrt{2}\sqrt{3} = 44.09), b = 36, c = (18\sqrt{3} - 18 = 13.18)] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [C = 15^{o}, A = 45^{o}, b = (18\sqrt{2}\sqrt{3} = 44.09)] \\ .2 = [B = 60^{o}, A = 75^{o}, c = (22\sqrt{2}\sqrt{3} = 53.89)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [B = 45^{o}, c = (36 + 36\sqrt{3} = 98.35), a = (36\sqrt{2} = 50.91)] \\ .2 = [A = 30^{o}, b = (18\sqrt{2} + 18\sqrt{2}\sqrt{3} = 69.55), c = (36\sqrt{2} = 50.91)] \end{bmatrix}$$

$$No4 = [a = 84, b = (84\sqrt{3} = 145.49), A = 30^{o}]$$

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TrigonometryExercise7 for No.9476

$$No1 = \begin{bmatrix} .1 = [a = (21 + 21\sqrt{3} = 57.37),\ b = (21\sqrt{2} = 29.70),\ c = 42] \\ .2 = [B = 30^o,\ c = (78\sqrt{3} = 135.10),\ a = 78] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [A = 30^o,\ C = 30^o,\ b = (84\sqrt{3} = 145.49)] \\ .2 = [A = 60^o,\ B = 75^o,\ c = (30\sqrt{2}\sqrt{3} = 73.48)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [C = 30^o,\ a = (66\sqrt{2} = 93.34),\ b = (33\sqrt{2} + 33\sqrt{2}\sqrt{3} = 127.50)] \\ .2 = [B = 60^o,\ a = (11\sqrt{2}\sqrt{3} + 33\sqrt{2} = 73.61),\ c = (22\sqrt{2}\sqrt{3} = 53.89)] \end{bmatrix}$$

$$No4 = [a = 54,\ b = (54\sqrt{3} = 93.53),\ A = 30^o]$$

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TrigonometryExercise7 for No.9491

$$No1 = \begin{bmatrix} .1 = [C = 60^o,\ b = (14\sqrt{2}\sqrt{3} + 42\sqrt{2} = 93.69),\ a = (28\sqrt{2}\sqrt{3} = 68.59)] \\ .2 = [a = (27\sqrt{2}\sqrt{3} = 66.14),\ b = 54,\ c = (27 + 27\sqrt{3} = 73.77)] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [C = 45^o,\ A = 15^o,\ b = (27\sqrt{2}\sqrt{3} = 66.14)] \\ .2 = [A = 75^o,\ B = 60^o,\ c = (30\sqrt{2}\sqrt{3} = 73.48)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [B = 60^o,\ a = (10\sqrt{2}\sqrt{3} = 24.49),\ c = (5\sqrt{2}\sqrt{3} + 15\sqrt{2} = 33.46)] \\ .2 = [C = 45^o,\ a = (30\sqrt{2}\sqrt{3} = 73.48),\ b = (30\sqrt{3} - 30 = 21.96)] \end{bmatrix}$$

$$No4 = [a = 78,\ b = (78\sqrt{3} = 135.10),\ A = 30^o]$$

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TrigonometryExercise7 for No.9633

$$No1 = \begin{bmatrix} .1 = [a = (66\sqrt{2} = 93.34),\ b = (33\sqrt{2}\sqrt{3} - 33\sqrt{2} = 34.16),\ c = 66] \\ .2 = [B = 45^o,\ a = (39 + 39\sqrt{3} = 106.55),\ c = (39\sqrt{2}\sqrt{3} = 95.53)] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [C = 30^o,\ B = 15^o,\ a = (90\sqrt{2} = 127.28)] \\ .2 = [A = 60^o,\ C = 75^o,\ b = (20\sqrt{2}\sqrt{3} = 48.99)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [B = 60^o,\ a = (16\sqrt{2}\sqrt{3} = 39.19),\ c = (8\sqrt{2}\sqrt{3} + 24\sqrt{2} = 53.54)] \\ .2 = [A = 30^o,\ b = (42\sqrt{2} = 59.40),\ c = (21\sqrt{2} + 21\sqrt{2}\sqrt{3} = 81.14)] \end{bmatrix}$$

$$No4 = [a = 90,\ b = (90\sqrt{3} = 155.88),\ A = 30^o]$$

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TrigonometryExercise7 for No.9711

$$No1 = \begin{bmatrix} .1 = [a = (9\sqrt{2}\sqrt{3} + 27\sqrt{2} = 60.23),\ b = (18\sqrt{2}\sqrt{3} = 44.09),\ c = 54] \\ .2 = [A = 30^o,\ b = (33\sqrt{2} + 33\sqrt{2}\sqrt{3} = 127.50),\ c = (66\sqrt{2} = 93.34)] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [A = 75^o,\ B = 60^o,\ c = (28\sqrt{2}\sqrt{3} = 68.59)] \\ .2 = [A = 15^o,\ C = 30^o,\ b = (42\sqrt{2} = 59.40)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [B = 30^o,\ c = (90\sqrt{2} = 127.28),\ a = (45\sqrt{2}\sqrt{3} - 45\sqrt{2} = 46.59)] \\ .2 = [A = 45^o,\ b = (15\sqrt{2} = 21.21),\ c = (15 + 15\sqrt{3} = 40.98)] \end{bmatrix}$$

$$No4 = [a = 54,\ b = (54\sqrt{3} = 93.53),\ A = 30^o]$$

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TrigonometryExercise7 for No.9784

$$No1 = \begin{bmatrix} .1 = [A = 60^{o}, c = (22\sqrt{2}\sqrt{3} = 53.89), b = (11\sqrt{2}\sqrt{3} + 33\sqrt{2} = 73.61)] \\ .2 = [a = (33 + 33\sqrt{3} = 90.16), b = (33\sqrt{2}\sqrt{3} = 80.83), c = 66] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [C = 60^{o}, B = 75^{o}, a = (20\sqrt{2}\sqrt{3} = 48.99)] \\ .2 = [C = 105^{o}, B = 45^{o}, a = (18\sqrt{2} = 25.46)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [C = 60^{o}, b = (28\sqrt{2}\sqrt{3} = 68.59), a = (14\sqrt{2}\sqrt{3} + 42\sqrt{2} = 93.69)] \\ .2 = [B = 45^{o}, c = (30\sqrt{2} = 42.43), a = (30 + 30\sqrt{3} = 81.96)] \end{bmatrix}$$

$$No4 = [a = 72, b = (72\sqrt{3} = 124.71), A = 30^{o}]$$

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TrigonometryExercise7 for No.10143

$$No1 = \begin{bmatrix} .1 = [a = (8\sqrt{2}\sqrt{3} + 24\sqrt{2} = 53.54), b = 48, c = (16\sqrt{2}\sqrt{3} = 39.19)] \\ .2 = [A = 30^{o}, b = (36\sqrt{2} + 36\sqrt{2}\sqrt{3} = 139.09), c = (72\sqrt{2} = 101.82)] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [C = 105^{o}, B = 30^{o}, a = (54\sqrt{2} = 76.37)] \\ .2 = [A = 60^{o}, C = 75^{o}, b = (18\sqrt{2}\sqrt{3} = 44.09)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [B = 30^{o}, a = 54, c = (54\sqrt{3} = 93.53)] \\ .2 = [C = 45^{o}, a = (42 + 42\sqrt{3} = 114.75), b = (42\sqrt{2} = 59.40)] \end{bmatrix}$$

$$No4 = [a = 42, b = (42\sqrt{3} = 72.75), A = 30^{o}]$$

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TrigonometryExercise7 for No.10359

$$No1 = \begin{bmatrix} .1 = [a = 36, b = (18 + 18\sqrt{3} = 49.18), c = (18\sqrt{2} = 25.46)] \\ .2 = [B = 30^{o}, c = (42\sqrt{3} = 72.75), a = 42] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [B = 105^{o}, C = 45^{o}, a = (21\sqrt{2} = 29.70)] \\ .2 = [A = 75^{o}, B = 60^{o}, c = (12\sqrt{2}\sqrt{3} = 29.39)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [C = 45^{o}, b = (27 + 27\sqrt{3} = 73.77), a = (27\sqrt{2}\sqrt{3} = 66.14)] \\ .2 = [A = 30^{o}, b = (90\sqrt{3} = 155.88), c = 90] \end{bmatrix}$$

$$No4 = [a = 30, b = (15\sqrt{2}\sqrt{3} = 36.74), A = 45^{o}]$$

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TrigonometryExercise7 for No.10626

$$No1 = \begin{bmatrix} .1 = [a = 36, b = (18 + 18\sqrt{3} = 49.18), c = (18\sqrt{2} = 25.46)] \\ .2 = [B = 60^{o}, c = (9\sqrt{2}\sqrt{3} + 27\sqrt{2} = 60.23), a = (18\sqrt{2}\sqrt{3} = 44.09)] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [B = 45^{o}, A = 75^{o}, c = (18\sqrt{2}\sqrt{3} = 44.09)] \\ .2 = [B = 75^{o}, C = 60^{o}, a = (10\sqrt{2}\sqrt{3} = 24.49)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [A = 30^{o}, c = (48\sqrt{3} = 83.14), b = 48] \\ .2 = [B = 45^{o}, c = (24 + 24\sqrt{3} = 65.57), a = (24\sqrt{2} = 33.94)] \end{bmatrix}$$

$$No4 = [a = 66, b = (66\sqrt{3} = 114.32), A = 30^{o}]$$

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TrigonometryExercise7 for No.11002

$$No1 = \begin{bmatrix} .1 = [a = 54, b = (27\sqrt{2} = 38.18), c = (27 + 27\sqrt{3} = 73.77)] \\ .2 = [C = 60^o, b = (12\sqrt{2}\sqrt{3} = 29.39), a = (6\sqrt{2}\sqrt{3} + 18\sqrt{2} = 40.15)] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [A = 30^o, B = 105^o, c = (66\sqrt{2} = 93.34)] \\ .2 = [B = 60^o, A = 75^o, c = (22\sqrt{2}\sqrt{3} = 53.89)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [C = 45^o, b = (27\sqrt{3} - 27 = 19.77), a = (27\sqrt{2}\sqrt{3} = 66.14)] \\ .2 = [B = 30^o, a = (30\sqrt{3} = 51.96), c = 30] \end{bmatrix}$$

$$No4 = [a = 60, b = (30\sqrt{2}\sqrt{3} = 73.48), A = 45^o]$$

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TrigonometryExercise7 for No.11188

$$No1 = \begin{bmatrix} .1 = [C = 30^o, b = (42\sqrt{2} = 59.40), a = (21\sqrt{2} + 21\sqrt{2}\sqrt{3} = 81.14)] \\ .2 = [a = 30, b = (15 + 15\sqrt{3} = 40.98), c = (15\sqrt{2} = 21.21)] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [C = 45^o, A = 105^o, b = (24\sqrt{2} = 33.94)] \\ .2 = [C = 15^o, B = 30^o, a = (54\sqrt{2} = 76.37)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [A = 60^o, b = (15\sqrt{2}\sqrt{3} + 45\sqrt{2} = 100.38), c = (30\sqrt{2}\sqrt{3} = 73.48)] \\ .2 = [C = 30^o, a = (60\sqrt{3} = 103.92), b = 60] \end{bmatrix}$$

$$No4 = [a = 78, b = (78\sqrt{3} = 135.10), A = 30^o]$$

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TrigonometryExercise7 for No.11505

$$No1 = \begin{bmatrix} .1 = [C = 60^o, b = (14\sqrt{2}\sqrt{3} + 42\sqrt{2} = 93.69), a = (28\sqrt{2}\sqrt{3} = 68.59)] \\ .2 = [a = 90, b = (45\sqrt{2} + 45\sqrt{2}\sqrt{3} = 173.87), c = (90\sqrt{2} = 127.28)] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [A = 75^o, C = 45^o, b = (45\sqrt{2}\sqrt{3} = 110.23)] \\ .2 = [A = 30^o, B = 15^o, c = (72\sqrt{2} = 101.82)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [B = 60^o, a = (22\sqrt{2}\sqrt{3} = 53.89), c = (11\sqrt{2}\sqrt{3} + 33\sqrt{2} = 73.61)] \\ .2 = [A = 30^o, c = (30\sqrt{2} = 42.43), b = (15\sqrt{2}\sqrt{3} - 15\sqrt{2} = 15.53)] \end{bmatrix}$$

$$No4 = [a = 72, b = (36\sqrt{2}\sqrt{3} = 88.18), A = 45^o]$$

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TrigonometryExercise7 for No.12113

$$No1 = \begin{bmatrix} .1 = [a = (10\sqrt{2}\sqrt{3} = 24.49), b = 30, c = (5\sqrt{2}\sqrt{3} + 15\sqrt{2} = 33.46)] \\ .2 = [C = 30^o, a = (18\sqrt{2}\sqrt{3} - 18\sqrt{2} = 18.63), b = (36\sqrt{2} = 50.91)] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [B = 60^o, A = 75^o, c = (24\sqrt{2}\sqrt{3} = 58.79)] \\ .2 = [C = 105^o, A = 30^o, b = (36\sqrt{2} = 50.91)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [A = 45^o, c = (36 + 36\sqrt{3} = 98.35), b = (36\sqrt{2}\sqrt{3} = 88.18)] \\ .2 = [B = 60^o, a = (14\sqrt{2}\sqrt{3} = 34.29), c = (7\sqrt{2}\sqrt{3} + 21\sqrt{2} = 46.84)] \end{bmatrix}$$

$$No4 = [a = 84, b = (42\sqrt{2}\sqrt{3} = 102.88), A = 45^o]$$

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TrigonometryExercise7 for No.12541

$$No1 = \left[\begin{array}{c} .1 = [B = 60^{o}, c = (8\sqrt{2}\sqrt{3} + 24\sqrt{2} = 53.54), a = (16\sqrt{2}\sqrt{3} = 39.19)] \\ .2 = [a = 36, b = (18 + 18\sqrt{3} = 49.18), c = (18\sqrt{2}\sqrt{3} = 44.09)] \end{array}\right]$$

$$No2 = \left[\begin{array}{c} .1 = [C = 105^{o}, A = 45^{o}, b = (18\sqrt{2} = 25.46)] \\ .2 = [C = 30^{o}, B = 105^{o}, a = (36\sqrt{2} = 50.91)] \end{array}\right]$$

$$No3 = \left[\begin{array}{c} .1 = [C = 45^{o}, b = (21 + 21\sqrt{3} = 57.37), a = (21\sqrt{2}\sqrt{3} = 51.44)] \\ .2 = [B = 30^{o}, a = (54\sqrt{3} = 93.53), c = 54] \end{array}\right]$$

$$No4 = [a = 66, b = (66\sqrt{3} = 114.32), A = 30^{o}]$$

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TrigonometryExercise7 for No.12590

$$No1 = \left[\begin{array}{c} .1 = [a = 78, b = (78\sqrt{3} = 135.10), c = 78] \\ .2 = [B = 45^{o}, c = (15 + 15\sqrt{3} = 40.98), a = (15\sqrt{2}\sqrt{3} = 36.74)] \end{array}\right]$$

$$No2 = \left[\begin{array}{c} .1 = [C = 75^{o}, A = 60^{o}, b = (22\sqrt{2}\sqrt{3} = 53.89)] \\ .2 = [A = 75^{o}, C = 45^{o}, b = (33\sqrt{2}\sqrt{3} = 80.83)] \end{array}\right]$$

$$No3 = \left[\begin{array}{c} .1 = [A = 30^{o}, b = 54, c = (54\sqrt{3} = 93.53)] \\ .2 = [C = 45^{o}, a = (45 + 45\sqrt{3} = 122.94), b = (45\sqrt{2}\sqrt{3} = 110.23)] \end{array}\right]$$

$$No4 = [a = 72, b = (72\sqrt{3} = 124.71), A = 30^{o}]$$

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TrigonometryExercise7 for No.12621

$$No1 = \left[\begin{array}{c} .1 = [a = 54, b = (18\sqrt{2}\sqrt{3} = 44.09), c = (9\sqrt{2}\sqrt{3} + 27\sqrt{2} = 60.23)] \\ .2 = [C = 30^{o}, a = 66, b = (66\sqrt{3} = 114.32)] \end{array}\right]$$

$$No2 = \left[\begin{array}{c} .1 = [B = 45^{o}, A = 15^{o}, c = (42\sqrt{2}\sqrt{3} = 102.88)] \\ .2 = [C = 30^{o}, B = 105^{o}, a = (30\sqrt{2} = 42.43)] \end{array}\right]$$

$$No3 = \left[\begin{array}{c} .1 = [B = 60^{o}, a = (16\sqrt{2}\sqrt{3} = 39.19), c = (8\sqrt{2}\sqrt{3} + 24\sqrt{2} = 53.54)] \\ .2 = [A = 30^{o}, b = (90\sqrt{3} = 155.88), c = 90] \end{array}\right]$$

$$No4 = [a = 84, b = (42\sqrt{2}\sqrt{3} = 102.88), A = 45^{o}]$$

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TrigonometryExercise7 for No.12641

$$No1 = \left[\begin{array}{c} .1 = [a = 42, b = (14\sqrt{2}\sqrt{3} = 34.29), c = (7\sqrt{2}\sqrt{3} + 21\sqrt{2} = 46.84)] \\ .2 = [B = 45^{o}, a = (45\sqrt{2}\sqrt{3} = 110.23), c = (45 + 45\sqrt{3} = 122.94)] \end{array}\right]$$

$$No2 = \left[\begin{array}{c} .1 = [B = 105^{o}, C = 45^{o}, a = (42\sqrt{2} = 59.40)] \\ .2 = [B = 30^{o}, A = 30^{o}, c = (72\sqrt{3} = 124.71)] \end{array}\right]$$

$$No3 = \left[\begin{array}{c} .1 = [B = 30^{o}, c = (24\sqrt{2} + 24\sqrt{2}\sqrt{3} = 92.73), a = (48\sqrt{2} = 67.88)] \\ .2 = [A = 60^{o}, b = (28\sqrt{2}\sqrt{3} = 68.59), c = (14\sqrt{2}\sqrt{3} + 42\sqrt{2} = 93.69)] \end{array}\right]$$

$$No4 = [a = 60, b = (60\sqrt{3} = 103.92), A = 30^{o}]$$

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 TrigonometryExercise7 for No.12674
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$$No1 = \begin{bmatrix} .1 = [B = 60^{o}, c = (20\sqrt{2}\sqrt{3} = 48.99), a = (10\sqrt{2}\sqrt{3} + 30\sqrt{2} = 66.92)] \\ .2 = [a = 48, b = (24\sqrt{3} - 24 = 17.57), c = (24\sqrt{2}\sqrt{3} = 58.79)] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [B = 45^{o}, C = 15^{o}, a = (36\sqrt{2}\sqrt{3} = 88.18)] \\ .2 = [B = 75^{o}, A = 60^{o}, c = (26\sqrt{2}\sqrt{3} = 63.69)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [C = 60^{o}, b = (8\sqrt{2}\sqrt{3} + 24\sqrt{2} = 53.54), a = (16\sqrt{2}\sqrt{3} = 39.19)] \\ .2 = [A = 45^{o}, c = (42\sqrt{2}\sqrt{3} = 102.88), b = (42 + 42\sqrt{3} = 114.75)] \end{bmatrix}$$

$$No4 = [a = 66, b = (33\sqrt{2}\sqrt{3} = 80.83), A = 45^{o}]$$

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 TrigonometryExercise7 for No.12728
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$$No1 = \begin{bmatrix} .1 = [C = 45^{o}, b = (21\sqrt{2}\sqrt{3} = 51.44), a = (21 + 21\sqrt{3} = 57.37)] \\ .2 = [a = 90, b = (30\sqrt{2}\sqrt{3} = 73.48), c = (15\sqrt{2}\sqrt{3} + 45\sqrt{2} = 100.38)] \end{bmatrix}$$

$$No2 = \begin{bmatrix} .1 = [C = 45^{o}, B = 75^{o}, a = (33\sqrt{2}\sqrt{3} = 80.83)] \\ .2 = [C = 15^{o}, B = 30^{o}, a = (42\sqrt{2} = 59.40)] \end{bmatrix}$$

$$No3 = \begin{bmatrix} .1 = [C = 30^{o}, b = (48\sqrt{3} = 83.14), a = 48] \\ .2 = [A = 45^{o}, b = (45 + 45\sqrt{3} = 122.94), c = (45\sqrt{2} = 63.64)] \end{bmatrix}$$

$$No4 = [a = 78, b = (78\sqrt{3} = 135.10), A = 30^{o}]$$

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