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TrigonometryExercise8 Answers for No.9844

$$Ans1 = [156\sqrt{3} - 156 = 114.200], \quad , \quad Ans2 = [\sqrt{37} = 6.083], \quad , \quad Ans3 = \begin{bmatrix} .1 = (84\sqrt{3} = 145.492) \\ .2 = \left(\arctan\left(\frac{7\sqrt{3}}{12}\right) = 45.295^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 131.654, \quad , \quad Ans5 = 169.793, \quad , \quad Ans6 = 133, \quad , \quad Ans7 = \begin{bmatrix} .1 = 310 \\ .2 = 199 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.9872

$$Ans1 = [60\sqrt{3} = 103.923], \quad , \quad Ans2 = [\sqrt{145 - 72\sqrt{2}} = 6.571], \quad , \quad Ans3 = \begin{bmatrix} .1 = (22\sqrt{3} = 38.105) \\ .2 = \left(\arctan\left(\frac{11\sqrt{3}}{48}\right) = 21.650^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 171.650, \quad , \quad Ans5 = 96.852, \quad , \quad Ans6 = 140, \quad , \quad Ans7 = \begin{bmatrix} .1 = 81 \\ .2 = 40 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.9873

$$Ans1 = [56\sqrt{3} = 96.995], \quad , \quad Ans2 = [\sqrt{113 - 56\sqrt{2}} = 5.814], \quad , \quad Ans3 = \begin{bmatrix} .1 = 84 \\ .2 = \left(\arctan\left(\frac{2}{3}\right) = 33.690^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 141.700, \quad , \quad Ans5 = 77.977, \quad , \quad Ans6 = 128, \quad , \quad Ans7 = \begin{bmatrix} .1 = 319 \\ .2 = 183 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

TrigonometryExercise8 Answers for No.9884

$$Ans1 = [66\sqrt{3} - 66 = 48.315], \quad , \quad Ans2 = [4\sqrt{5 - 2\sqrt{3}} = 4.957], \quad , \quad Ans3 = \begin{bmatrix} .1 = (72\sqrt{3} = 124.708) \\ .2 = \left(\arctan\left(\frac{6\sqrt{3}}{11}\right) = 43.373^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 131.900, \quad , \quad Ans5 = 145.696, \quad , \quad Ans6 = 175, \quad , \quad Ans7 = \begin{bmatrix} .1 = 169 \\ .2 = 97 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.9885

$$Ans1 = [84\sqrt{3} - 84 = 61.492], \quad , \quad Ans2 = [3\sqrt{13 - 6\sqrt{2}} = 6.374], \quad , \quad Ans3 = \begin{bmatrix} .1 = (20\sqrt{3} = 34.641) \\ .2 = \left(\arctan\left(\frac{2\sqrt{3}}{9}\right) = 21.052^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 141.907, \quad , \quad Ans5 = 69.428, \quad , \quad Ans6 = 209, \quad , \quad Ans7 = \begin{bmatrix} .1 = 280 \\ .2 = 180 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.9895

$$Ans1 = [120 - 40\sqrt{3} = 50.718], \quad , \quad Ans2 = [\sqrt{130 - 63\sqrt{3}} = 4.570], \quad , \quad Ans3 = \begin{bmatrix} .1 = (66\sqrt{3} = 114.315) \\ .2 = \left(\arctan\left(\frac{\sqrt{3}}{2}\right) = 40.893^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 152.249, \quad , \quad Ans5 = 67.250, \quad , \quad Ans6 = 126, \quad , \quad Ans7 = \begin{bmatrix} .1 = 109 \\ .2 = 62 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.9898

$$Ans1 = [84\sqrt{3} = 145.492], \quad , \quad Ans2 = [4\sqrt{5-2\sqrt{3}} = 4.957], \quad , \quad Ans3 = \begin{bmatrix} .1 = (72\sqrt{3} = 124.708) \\ .2 = \left(\arctan\left(\frac{12\sqrt{3}}{23}\right) = 42.103^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 161.750, \quad , \quad Ans5 = 125.005, \quad , \quad Ans6 = 234, \quad , \quad Ans7 = \begin{bmatrix} .1 = 320 \\ .2 = 245 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.9899

$$Ans1 = [120\sqrt{3} - 120 = 87.846], \quad , \quad Ans2 = [\sqrt{19} = 4.359], \quad , \quad Ans3 = \begin{bmatrix} .1 = (96\sqrt{3} = 166.277) \\ .2 = \left(\arctan\left(\frac{2\sqrt{3}}{3}\right) = 49.107^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 181.800, \quad , \quad Ans5 = 78.813, \quad , \quad Ans6 = 189, \quad , \quad Ans7 = \begin{bmatrix} .1 = 129 \\ .2 = 74 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.9920

$$Ans1 = [80\sqrt{3} = 138.564], \quad , \quad Ans2 = [\sqrt{89-40\sqrt{3}} = 4.440], \quad , \quad Ans3 = \begin{bmatrix} .1 = (32\sqrt{3} = 55.426) \\ .2 = \left(\arctan\left(\frac{8\sqrt{3}}{33}\right) = 22.777^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 182.548, \quad , \quad Ans5 = 67.753, \quad , \quad Ans6 = 114, \quad , \quad Ans7 = \begin{bmatrix} .1 = 143 \\ .2 = 82 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.10000

$$Ans1 = [78 - 26\sqrt{3} = 32.967], \quad , \quad Ans2 = [7 = 7.000], \quad , \quad Ans3 = \begin{bmatrix} .1 = (90\sqrt{3} = 155.885) \\ .2 = \left(\arctan\left(\frac{5\sqrt{3}}{7}\right) = 51.052^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 152.030, \quad , \quad Ans5 = 110.483, \quad , \quad Ans6 = 143, \quad , \quad Ans7 = \begin{bmatrix} .1 = 155 \\ .2 = 89 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.10017

$$Ans1 = [72\sqrt{3} - 72 = 52.708], \quad , \quad Ans2 = [\sqrt{73} = 8.544], \quad , \quad Ans3 = \begin{bmatrix} .1 = 72 \\ .2 = \left(\arctan\left(\frac{6}{11}\right) = 28.610^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 142.025, \quad , \quad Ans5 = 168.208, \quad , \quad Ans6 = 224, \quad , \quad Ans7 = \begin{bmatrix} .1 = 211 \\ .2 = 121 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.10025

$$Ans1 = [84\sqrt{3} = 145.492], \quad , \quad Ans2 = [2\sqrt{25 - 12\sqrt{3}} = 4.106], \quad , \quad Ans3 = \begin{bmatrix} .1 = (22\sqrt{3} = 38.105) \\ .2 = \left(\arctan\left(\frac{\sqrt{3}}{6}\right) = 16.102^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 151.930, \quad , \quad Ans5 = 64.338, \quad , \quad Ans6 = 181, \quad , \quad Ans7 = \begin{bmatrix} .1 = 219 \\ .2 = 155 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.10057

$$Ans1 = [84\sqrt{3} = 145.492], \quad , \quad Ans2 = [\sqrt{113 - 56\sqrt{2}} = 5.814], \quad , \quad Ans3 = \begin{bmatrix} .1 = 96 \\ .2 = \left(\arctan\left(\frac{8}{11}\right) = 36.027^{\circ}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 191.650, \quad , \quad Ans5 = 151.070, \quad , \quad Ans6 = 305, \quad , \quad Ans7 = \begin{bmatrix} .1 = 506 \\ .2 = 388 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.10061

$$Ans1 = [156 - 52\sqrt{3} = 65.933], \quad , \quad Ans2 = [\sqrt{89 - 40\sqrt{2}} = 5.695], \quad , \quad Ans3 = \begin{bmatrix} .1 = (60\sqrt{3} = 103.923) \\ .2 = \left(\arctan\left(\frac{10\sqrt{3}}{21}\right) = 39.515^{\circ}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 172.029, \quad , \quad Ans5 = 56.050, \quad , \quad Ans6 = 177, \quad , \quad Ans7 = \begin{bmatrix} .1 = 131 \\ .2 = 75 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.10071

$$Ans1 = [52\sqrt{3} = 90.067], \quad , \quad Ans2 = [\sqrt{37} = 6.083], \quad , \quad Ans3 = \begin{bmatrix} .1 = (20\sqrt{3} = 34.641) \\ .2 = \left(\arctan\left(\frac{5\sqrt{3}}{24}\right) = 19.842^{\circ}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 182.448, \quad , \quad Ans5 = 75.840, \quad , \quad Ans6 = 126, \quad , \quad Ans7 = \begin{bmatrix} .1 = 243 \\ .2 = 172 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.10088

$$Ans1 = [108\sqrt{3} - 108 = 79.061], \quad , \quad Ans2 = [\sqrt{34 - 15\sqrt{2}} = 3.576], \quad , \quad Ans3 = \begin{bmatrix} .1 = (24\sqrt{3} = 41.569) \\ .2 = \left(\arctan\left(\frac{4\sqrt{3}}{23}\right) = 16.764^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 141.750, \quad , \quad Ans5 = 143.197, \quad , \quad Ans6 = 211, \quad , \quad Ans7 = \begin{bmatrix} .1 = 230 \\ .2 = 148 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.10385

$$Ans1 = [66 - 22\sqrt{3} = 27.895], \quad , \quad Ans2 = [\sqrt{37} = 6.083], \quad , \quad Ans3 = \begin{bmatrix} .1 = 78 \\ .2 = \left(\arctan\left(\frac{13}{23}\right) = 29.476^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 181.983, \quad , \quad Ans5 = 92.014, \quad , \quad Ans6 = 142, \quad , \quad Ans7 = \begin{bmatrix} .1 = 665 \\ .2 = 427 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.10387

$$Ans1 = [78\sqrt{3} - 78 = 57.100], \quad , \quad Ans2 = [2\sqrt{7} = 5.292], \quad , \quad Ans3 = \begin{bmatrix} .1 = (60\sqrt{3} = 103.923) \\ .2 = \left(\arctan\left(\frac{\sqrt{3}}{2}\right) = 40.893^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 141.925, \quad , \quad Ans5 = 105.773, \quad , \quad Ans6 = 182, \quad , \quad Ans7 = \begin{bmatrix} .1 = 137 \\ .2 = 88 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.10914

$$Ans1 = [100\sqrt{3} = 173.205], \quad , \quad Ans2 = [\sqrt{67} = 8.185], \quad , \quad Ans3 = \begin{bmatrix} .1 = (60\sqrt{3} = 103.923) \\ .2 = \left(\arctan\left(\frac{5\sqrt{3}}{9}\right) = 43.898^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 191.923, \quad , \quad Ans5 = 72.512, \quad , \quad Ans6 = 234, \quad , \quad Ans7 = \begin{bmatrix} .1 = 421 \\ .2 = 210 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.10945

$$Ans1 = [132 - 44\sqrt{3} = 55.790], \quad , \quad Ans2 = [3\sqrt{10 - 3\sqrt{3}} = 6.575], \quad , \quad Ans3 = \begin{bmatrix} .1 = (26\sqrt{3} = 45.033) \\ .2 = \left(\arctan\left(\frac{13\sqrt{3}}{57}\right) = 21.555^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 131.750, \quad , \quad Ans5 = 78.123, \quad , \quad Ans6 = 126, \quad , \quad Ans7 = \begin{bmatrix} .1 = 219 \\ .2 = 141 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.10954

$$Ans1 = [108 - 36\sqrt{3} = 45.646], \quad , \quad Ans2 = [\sqrt{61 - 30\sqrt{2}} = 4.310], \quad , \quad Ans3 = \begin{bmatrix} .1 = 84 \\ .2 = \left(\arctan\left(\frac{7}{10}\right) = 34.992^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 131.384, \quad , \quad Ans5 = 102.283, \quad , \quad Ans6 = 217, \quad , \quad Ans7 = \begin{bmatrix} .1 = 380 \\ .2 = 244 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.10966

$$Ans1 = [100\sqrt{3} = 173.205], \quad , \quad Ans2 = [\sqrt{41 - 20\sqrt{2}} = 3.566], \quad , \quad Ans3 = \begin{bmatrix} .1 = (66\sqrt{3} = 114.315) \\ .2 = \left(\arctan\left(\frac{11\sqrt{3}}{16}\right) = 49.977^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 141.800, \quad , \quad Ans5 = 118.765, \quad , \quad Ans6 = 275, \quad , \quad Ans7 = \begin{bmatrix} .1 = 376 \\ .2 = 288 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.11154

$$Ans1 = [150\sqrt{3} - 150 = 109.808], \quad , \quad Ans2 = [3\sqrt{5 - 2\sqrt{2}} = 4.421], \quad , \quad Ans3 = \begin{bmatrix} .1 = 66 \\ .2 = \left(\arctan\left(\frac{11}{20}\right) = 28.811^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 171.591, \quad , \quad Ans5 = 119.840, \quad , \quad Ans6 = 179, \quad , \quad Ans7 = \begin{bmatrix} .1 = 230 \\ .2 = 115 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.11191

$$Ans1 = [114\sqrt{3} - 114 = 83.454], \quad , \quad Ans2 = [3\sqrt{5 - 2\sqrt{2}} = 4.421], \quad , \quad Ans3 = \begin{bmatrix} .1 = (24\sqrt{3} = 41.569) \\ .2 = \left(\arctan\left(\frac{2\sqrt{3}}{9}\right) = 21.052^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 181.880, \quad , \quad Ans5 = 96.411, \quad , \quad Ans6 = 149, \quad , \quad Ans7 = \begin{bmatrix} .1 = 300 \\ .2 = 230 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.11309

$$Ans1 = [\,150\sqrt{3} - 150 = 109.808\,], \quad , \quad Ans2 = [\sqrt{41 - 20\sqrt{3}} = 2.522\,], \quad , \quad Ans3 = \begin{bmatrix} .1 = 90 \\ .2 = \left(\arctan\left(\frac{15}{26}\right) = 29.982^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 191.484, \quad , \quad Ans5 = 66.244, \quad , \quad Ans6 = 211, \quad , \quad Ans7 = \begin{bmatrix} .1 = 88 \\ .2 = 44 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.12483

$$Ans1 = [\,138 - 46\sqrt{3} = 58.326\,], \quad , \quad Ans2 = [\sqrt{74 - 35\sqrt{2}} = 4.950\,], \quad , \quad Ans3 = \begin{bmatrix} .1 = (20\sqrt{3} = 34.641) \\ .2 = \left(\arctan\left(\frac{10\sqrt{3}}{51}\right) = 18.758^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 171.900, \quad , \quad Ans5 = 92.057, \quad , \quad Ans6 = 128, \quad , \quad Ans7 = \begin{bmatrix} .1 = 122 \\ .2 = 78 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.12557

$$Ans1 = [\,76\sqrt{3} = 131.636\,], \quad , \quad Ans2 = [\sqrt{58 - 21\sqrt{2}} = 5.320\,], \quad , \quad Ans3 = \begin{bmatrix} .1 = (32\sqrt{3} = 55.426) \\ .2 = \left(\arctan\left(\frac{16\sqrt{3}}{63}\right) = 23.744^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 191.363, \quad , \quad Ans5 = 75.927, \quad , \quad Ans6 = 247, \quad , \quad Ans7 = \begin{bmatrix} .1 = 219 \\ .2 = 141 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.12637

$$Ans1 = [114 - 38\sqrt{3} = 48.182], \quad , \quad Ans2 = [\sqrt{13} = 3.606], \quad , \quad Ans3 = \begin{bmatrix} .1 = (96\sqrt{3} = 166.277) \\ .2 = \left(\arctan\left(\frac{8\sqrt{3}}{11}\right) = 51.555^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 192.023, \quad , \quad Ans5 = 91.880, \quad , \quad Ans6 = 116, \quad , \quad Ans7 = \begin{bmatrix} .1 = 352 \\ .2 = 202 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.12689

$$Ans1 = [132 - 44\sqrt{3} = 55.790], \quad , \quad Ans2 = [2\sqrt{13 - 6\sqrt{3}} = 3.230], \quad , \quad Ans3 = \begin{bmatrix} .1 = 96 \\ .2 = \left(\arctan\left(\frac{16}{21}\right) = 37.304^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 171.591, \quad , \quad Ans5 = 97.148, \quad , \quad Ans6 = 126, \quad , \quad Ans7 = \begin{bmatrix} .1 = 143 \\ .2 = 82 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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TrigonometryExercise8 Answers for No.13349

$$Ans1 = [104\sqrt{3} = 180.133], \quad , \quad Ans2 = [\sqrt{61 - 30\sqrt{2}} = 4.310], \quad , \quad Ans3 = \begin{bmatrix} .1 = 78 \\ .2 = \left(\arctan\left(\frac{13}{21}\right) = 31.759^{o}\right) \end{bmatrix}, \quad , \begin{bmatrix} M \\ a \\ t \\ h \end{bmatrix}$$

$$Ans4 = 191.434, \quad , \quad Ans5 = 137.743, \quad , \quad Ans6 = 126, \quad , \quad Ans7 = \begin{bmatrix} .1 = 300 \\ .2 = 193 \end{bmatrix}, \quad , \begin{bmatrix} @ \\ M \\ U \\ T \end{bmatrix}$$

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