

[illegible]

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$$No1 = \begin{bmatrix} .1 = \pi & .6 = -\frac{47\pi}{3} \\ .2 = -\frac{11\pi}{6} & .7 = \frac{95\pi}{6} \\ .3 = \frac{4\pi}{3} & .8 = -\frac{63\pi}{4} \\ .4 = -\frac{7\pi}{4} & .9 = 4 \\ .5 = \frac{19\pi}{2} & .10 = 3.5 \end{bmatrix}, No2 = \begin{bmatrix} .1 = 270^\circ & .6 = 960^\circ \\ .2 = (-300)^\circ & .7 = 750^\circ \\ .3 = 45^\circ & .8 = 2745^\circ \\ .4 = (-210)^\circ & .9 = \left(\frac{360}{\pi}\right)^\circ \\ .5 = (-1080)^\circ & .10 = \left(-\frac{720}{\pi}\right)^\circ \end{bmatrix}$$

$$No3 = \left[\begin{array}{l} Condition1 = [\text{Csc}(\theta) < 0], \text{Condition2} = \left[\text{Cos}(\theta) = \frac{2}{3} \right], \text{Quest} = \text{Tan}(\theta) \end{array} \right], \quad , \quad \left[\begin{array}{l} \sqrt{\cdot} \\ \cdot \end{array} \right]$$

$$No4 = [Condition1 = [\tan(\theta) = -1], Condition2 = [\sin(\theta) < 0], Quest = \sec(\theta)], \quad \left[\begin{array}{c} \sqrt{\cdot} \\ \cdot \end{array} \right]$$

$$No5 = \left[A = 0, B = \frac{\pi}{2}, Condition = \left[Csc(\theta) = \frac{6}{5} \right], Quest = [Tan(\theta) + Cos(\theta)] \right], \quad \left[\frac{\sqrt{.}}{.} \right]$$

$$No6 = \left[A = \pi, B = \frac{3\pi}{2}, Condition = \left[\text{Sec}(\theta) = \frac{-7}{2} \right], Quest = [\text{Csc}(\theta) + \text{Tan}(\theta)] \right], \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No7 = \left[A = \frac{\pi}{2}, B = \pi, Condition = \left[\sin(\theta) = \frac{1}{2} \right], Quest = [\sec(\theta) + \cot(\theta)] \right], \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No8 = \left[A = \frac{3\pi}{2}, B = 2\pi, Condition = \left[\text{Cot}(\theta) = \frac{-5}{3} \right], Quest = [\text{Sin}(\theta) + \text{Sec}(\theta)] \right], \quad , \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No1 = \begin{bmatrix} .1 = \pi & .6 = \frac{37 \pi}{4} \\ .2 = -\frac{\pi}{3} & .7 = \frac{35 \pi}{3} \\ .3 = -\frac{7 \pi}{4} & .8 = -\frac{25 \pi}{6} \\ .4 = \frac{11 \pi}{6} & .9 = 3 \\ .5 = \frac{21 \pi}{2} & .10 = -1.5 \end{bmatrix}, No2 = \begin{bmatrix} .1 = 90^\circ & .6 = 1935^\circ \\ .2 = (-240)^\circ & .7 = 840^\circ \\ .3 = (-210)^\circ & .8 = 2010^\circ \\ .4 = 135^\circ & .9 = \left(\frac{360}{\pi}\right)^\circ \\ .5 = 2520^\circ & .10 = \left(-\frac{630}{\pi}\right)^\circ \end{bmatrix}$$

$$No3 = \left[\begin{array}{l} Condition1 = \left[\cos(\theta) = \frac{1}{2} \right], Condition2 = [\csc(\theta) < 0], Quest = \tan(\theta) \end{array} \right], \quad , \quad \left[\begin{array}{l} \sqrt{\cdot} \\ \cdot \end{array} \right]$$

$$No4 = [Condition1 = [\tan(\theta) = -4], Condition2 = [\sin(\theta) < 0], Quest = \sec(\theta)], \quad \left[\begin{array}{c} \sqrt{\cdot} \\ \cdot \end{array} \right]$$

$$No5 = \left[A = 0, B = \frac{\pi}{2}, Condition = [\text{Tan}(\theta) = 2], Quest = [\text{Sec}(\theta) - \text{Csc}(\theta)] \right], \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No6 = \left[A = \pi, B = \frac{3\pi}{2}, Condition = \left[\sec(\theta) = \frac{-7}{4} \right], Quest = [\sin(\theta) + \cot(\theta)] \right], \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No7 = \left[A = \frac{3\pi}{2}, B = 2\pi, Condition = \left[\cos(\theta) = \frac{2}{5} \right], Quest = [\csc(\theta) + \tan(\theta)] \right], \quad , \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No8 = \left[A = \frac{\pi}{2}, B = \pi, Condition = \left[\text{Csc}(\theta) = \frac{3}{2} \right], Quest = [\text{Sec}(\theta) - \text{Cot}(\theta)] \right], \quad , \quad \left[\frac{\sqrt{.}}{.} \right]$$

[illegible]

$$No1 = \begin{bmatrix} .1 = \frac{3\pi}{2} & .6 = \frac{35\pi}{3} \\ .2 = \frac{\pi}{4} & .7 = -\frac{35\pi}{6} \\ .3 = \frac{11\pi}{6} & .8 = -\frac{55\pi}{4} \\ .4 = -\frac{2\pi}{3} & .9 = 1 \\ .5 = \frac{5\pi}{2} & .10 = 0.5 \end{bmatrix}, No2 = \begin{bmatrix} .1 = 90^\circ & .6 = 2670^\circ \\ .2 = 150^\circ & .7 = (-1485)^\circ \\ .3 = (-240)^\circ & .8 = (-2040)^\circ \\ .4 = 315^\circ & .9 = \left(\frac{90}{\pi}\right)^\circ \\ .5 = (-1710)^\circ & .10 = \left(\frac{630}{\pi}\right)^\circ \end{bmatrix}$$

$$No3 = \left[\begin{array}{l} Condition1 = [\cot(\theta) < 0], Condition2 = \left[\cos(\theta) = \frac{5}{7} \right], Quest = \csc(\theta) \end{array} \right], \quad , \quad \left[\begin{array}{l} \sqrt{\cdot} \\ \cdot \end{array} \right]$$

$$No4 = [Condition1 = [\tan(\theta) = 7], Condition2 = [\sin(\theta) < 0], Quest = \cos(\theta)], \quad \left[\begin{array}{c} \sqrt{\cdot} \\ \cdot \end{array} \right]$$

$$No5 = \left[A = 0, B = \frac{\pi}{2}, Condition = [\text{Cot}(\theta) = 1], Quest = [\text{Sec}(\theta) + \text{Csc}(\theta)] \right], \quad , \quad \left[\begin{array}{c} \sqrt{\cdot} \\ \cdot \\ \cdot \end{array} \right]$$

$$No6 = \left[A = \frac{\pi}{2}, B = \pi, Condition = \left[\text{Csc}(\theta) = \frac{7}{4} \right], Quest = [\text{Tan}(\theta) - \text{Cos}(\theta)] \right], \quad , \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No7 = \left[A = \frac{3\pi}{2}, B = 2\pi, Condition = \left[\tan(\theta) = \frac{-2}{3} \right], Quest = [\sec(\theta) - \csc(\theta)] \right], \quad , \quad \left[\frac{\sqrt{(\cdot)}}{(\cdot)} \right]$$

$$No8 = \left[A = \pi, B = \frac{3\pi}{2}, Condition = [\text{Cot}(\theta) = 3], Quest = [\text{Sin}(\theta) + \text{Sec}(\theta)] \right], \quad \left[\begin{array}{c} \sqrt{\cdot} \\ \cdot \end{array} \right]$$

[illegible]

[illegible]

$$\begin{aligned}
No1 &= \begin{bmatrix} .1 = \frac{\pi}{2} & .6 = \frac{35 \pi}{4} \\ .2 = -\frac{5 \pi}{6} & .7 = -\frac{28 \pi}{3} \\ .3 = \frac{\pi}{4} & .8 = -\frac{41 \pi}{6} \\ .4 = \frac{\pi}{3} & .9 = 3 \\ .5 = \frac{19 \pi}{2} & .10 = -0.5 \end{bmatrix}, No2 = \begin{bmatrix} .1 = 180^\circ & .6 = 2370^\circ \\ .2 = 225^\circ & .7 = 2565^\circ \\ .3 = 30^\circ & .8 = (-1020)^\circ \\ .4 = (-240)^\circ & .9 = \left(\frac{270}{\pi}\right)^\circ \\ .5 = (-1440)^\circ & .10 = \left(-\frac{720}{\pi}\right)^\circ \end{bmatrix} \\
No3 &= \left[Condition1 = [\tan(\theta) < 0], Condition2 = \left[\sin(\theta) = \frac{5}{12} \right], Quest = \sec(\theta) \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No4 &= \left[Condition1 = [\cot(\theta) = -6], Condition2 = [0 < \sin(\theta)], Quest = \sec(\theta) \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No5 &= \left[A = 0, B = \frac{\pi}{2}, Condition = [\tan(\theta) = 3], Quest = [\sin(\theta) - \cos(\theta)] \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No6 &= \left[A = \frac{3 \pi}{2}, B = 2 \pi, Condition = \left[\cot(\theta) = \frac{-6}{5} \right], Quest = [\sin(\theta) + \sec(\theta)] \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No7 &= \left[A = \pi, B = \frac{3 \pi}{2}, Condition = \left[\tan(\theta) = \frac{3}{4} \right], Quest = [\sec(\theta) - \sin(\theta)] \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No8 &= \left[A = \frac{\pi}{2}, B = \pi, Condition = \left[\sec(\theta) = \frac{-5}{2} \right], Quest = [\tan(\theta) + \sin(\theta)] \right], \left[\frac{\sqrt{.}}{.:(} \right]
\end{aligned}$$

$$No1 = \begin{bmatrix} .1 = \frac{\pi}{2} & .6 = \frac{27\pi}{4} \\ .2 = \frac{11\pi}{6} & .7 = -\frac{31\pi}{3} \\ .3 = \frac{7\pi}{4} & .8 = -\frac{61\pi}{6} \\ .4 = -\frac{\pi}{3} & .9 = 5 \\ .5 = \frac{21\pi}{2} & .10 = -3.5 \end{bmatrix}, No2 = \begin{bmatrix} .1 = 270^\circ & .6 = 600^\circ \\ .2 = (-240)^\circ & .7 = 510^\circ \\ .3 = (-30)^\circ & .8 = 2205^\circ \\ .4 = 225^\circ & .9 = \left(\frac{270}{\pi}\right)^\circ \\ .5 = 2430^\circ & .10 = \left(-\frac{450}{\pi}\right)^\circ \end{bmatrix}$$

$$No3 = \left[\begin{array}{l} Condition1 = [\tan(\theta) < 0], Condition2 = \left[\cos(\theta) = \frac{4}{11} \right], Quest = \sin(\theta) \end{array} \right], \quad , \quad \left[\begin{array}{l} \sqrt{;} \\ ;(\end{array} \right]$$

$$No4 = [Condition1 = [0 < \sec(\theta)], Condition2 = [\cot(\theta) = -1], Quest = \sin(\theta)], \quad , \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No5 = \left[A = 0, B = \frac{\pi}{2}, Condition = \left[\text{Tan}(\theta) = \frac{1}{2} \right], Quest = [\text{Sin}(\theta) - \text{Cos}(\theta)] \right], \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No6 = \left[A = \frac{\pi}{2}, B = \pi, Condition = [\text{Tan}(\theta) = -1], Q_{\text{uest}} = [\text{Sec}(\theta) + \text{Csc}(\theta)] \right], \quad , \left[\frac{\sqrt{.}}{.} \right]$$

$$No7 = \left[A = \frac{3\pi}{2}, B = 2\pi, Condition = \left[\cot(\theta) = \frac{-4}{3} \right], Quest = [\cos(\theta) - \sin(\theta)] \right], \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No8 = \left[A = \pi, B = \frac{3\pi}{2}, Condition = [\text{Csc}(\theta) = -6], Quest = [\text{Sec}(\theta) + \text{Cot}(\theta)] \right], \quad , \left[\frac{\sqrt{.}}{.} \right]$$

[illegible]

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[illegible]

$$No1 = \begin{bmatrix} .1 = \pi & .6 = \frac{65 \pi}{6} \\ .2 = \frac{4 \pi}{3} & .7 = \frac{31 \pi}{4} \\ .3 = -\frac{11 \pi}{6} & .8 = -\frac{31 \pi}{3} \\ .4 = -\frac{\pi}{4} & .9 = 1 \\ .5 = -\frac{5 \pi}{2} & .10 = 6.5 \end{bmatrix}, No2 = \begin{bmatrix} .1 = 90^\circ & .6 = 1290^\circ \\ .2 = (-135)^\circ & .7 = 1485^\circ \\ .3 = 300^\circ & .8 = (-1740)^\circ \\ .4 = (-210)^\circ & .9 = \left(\frac{180}{\pi}\right)^\circ \\ .5 = (-630)^\circ & .10 = \left(\frac{540}{\pi}\right)^\circ \end{bmatrix}$$

$$No3 = \left[\begin{array}{l} Condition1 = [\tan(\theta) < 0], Condition2 = \left[\cos(\theta) = \frac{2}{5}, Quest = \csc(\theta) \right], \left[\frac{\sqrt{\cdot}}{\cdot} \right] \end{array} \right]$$

$$No4 = [Condition1 = [\tan(\theta) = -1], Condition2 = [\csc(\theta) < 0], Quest = \sec(\theta)], \quad \left[\begin{array}{c} \sqrt{\cdot} \\ \cdot \end{array} \right]$$

$$No5 = \left[A = 0, B = \frac{\pi}{2}, Condition = \left[\text{Sec}(\theta) = \frac{3}{2} \right], Quest = [\text{Sin}(\theta) + \text{Cot}(\theta)] \right], \quad , \quad \left[\frac{\sqrt{.}}{.} \right]$$

$$No6 = \left[A = \frac{\pi}{2}, B = \pi, Condition = [\text{Sec}(\theta) = -4], Quest = [\text{Csc}(\theta) - \text{Cot}(\theta)] \right], \quad , \quad \left[\frac{\sqrt{.}}{.} \right]$$

$$No7 = \left[A = \frac{3\pi}{2}, B = 2\pi, Condition = \left[\text{Csc}(\theta) = \frac{-12}{5} \right], Quest = [\text{Sec}(\theta) + \text{Tan}(\theta)] \right], \left[\frac{\sqrt{(\cdot)}}{(\cdot)} \right]$$

$$No8 = \left[A = \pi, B = \frac{3\pi}{2}, Condition = \left[\tan(\theta) = \frac{7}{3} \right], Quest = [\sec(\theta) - \csc(\theta)] \right], \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

[illegible]

$$No1 = \begin{bmatrix} .1 = \frac{\pi}{2} & .6 = \frac{16\pi}{3} \\ .2 = -\frac{5\pi}{4} & .7 = -\frac{29\pi}{4} \\ .3 = \frac{\pi}{3} & .8 = -\frac{53\pi}{6} \\ .4 = -\frac{5\pi}{6} & .9 = 1 \\ .5 = \frac{19\pi}{2} & .10 = -5.5 \end{bmatrix}, No2 = \begin{bmatrix} .1 = 270^\circ & .6 = 1755^\circ \\ .2 = 120^\circ & .7 = (-2370)^\circ \\ .3 = 210^\circ & .8 = 1740^\circ \\ .4 = (-315)^\circ & .9 = \left(\frac{90}{\pi}\right)^\circ \\ .5 = 360^\circ & .10 = \left(\frac{450}{\pi}\right)^\circ \end{bmatrix}$$

$$No3 = \left[\begin{array}{l} Condition1 = [\sin(\theta) < 0], Condition2 = \left[\cos(\theta) = \frac{4}{9} \right], Quest = \cot(\theta) \end{array} \right], \quad , \quad \left[\begin{array}{l} \sqrt{\cdot} \\ \cdot \end{array} \right]$$

$$No4 = [Condition1 = [\tan(\theta) = -3], Condition2 = [\cos(\theta) < 0], Quest = \sin(\theta)], \quad , \quad \left[\frac{\sqrt{.}}{.} \right]$$

$$No5 = \left[A = 0, B = \frac{\pi}{2}, Condition = \left[Csc(\theta) = \frac{3}{2} \right], Quest = [Cos(\theta) - Tan(\theta)] \right], \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No6 = \left[A = \frac{3\pi}{2}, B = 2\pi, Condition = \left[\cot(\theta) = \frac{-1}{2} \right], Quest = [\sec(\theta) - \csc(\theta)] \right], \quad , \left[\frac{\sqrt{(\cdot)}}{(\cdot)} \right]$$

$$No7 = \left[A = \frac{\pi}{2}, B = \pi, Condition = \left[\text{Sec}(\theta) = \frac{-3}{2} \right], Quest = [\text{Sin}(\theta) + \text{Cot}(\theta)] \right], \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No8 = \left[A = \pi, B = \frac{3\pi}{2}, Condition = \left[\cos(\theta) = \frac{-3}{8} \right], Quest = [\tan(\theta) - \csc(\theta)] \right], \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No1 = \begin{bmatrix} .1 = \frac{3\pi}{2} & .6 = -\frac{9\pi}{4} \\ .2 = -\frac{5\pi}{3} & .7 = \frac{26\pi}{3} \\ .3 = -\frac{11\pi}{6} & .8 = \frac{67\pi}{6} \\ .4 = \frac{3\pi}{4} & .9 = 5 \\ .5 = \frac{11\pi}{2} & .10 = -6.5 \end{bmatrix}, No2 = \begin{bmatrix} .1 = 90^\circ & .6 = (-2580)^\circ \\ .2 = (-240)^\circ & .7 = (-855)^\circ \\ .3 = 45^\circ & .8 = 2550^\circ \\ .4 = (-30)^\circ & .9 = \left(\frac{90}{\pi}\right)^\circ \\ .5 = 2520^\circ & .10 = \left(\frac{450}{\pi}\right)^\circ \end{bmatrix}$$

$$No3 = \left[\text{Condition1} = \left[\cos(\theta) = \frac{1}{2} \right], \text{Condition2} = [\sin(\theta) < 0], \text{Quest} = \tan(\theta) \right], \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No4 = [Condition1 = [0 < \sin(\theta)], Condition2 = [\cot(\theta) = -3], Quest = \cos(\theta)], \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No5 = \left[A = 0, B = \frac{\pi}{2}, Condition = \left[\text{Csc}(\theta) = \frac{7}{4} \right], Quest = [\text{Sec}(\theta) + \text{Cot}(\theta)] \right], \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No6 = \left[A = \frac{3\pi}{2}, B = 2\pi, Condition = \left[\tan(\theta) = \frac{-3}{2} \right], Quest = [\csc(\theta) + \cos(\theta)] \right], \quad , \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No7 = \left[A = \pi, B = \frac{3\pi}{2}, Condition = \left[\sin(\theta) = \frac{-1}{3} \right], Quest = [\tan(\theta) - \sec(\theta)] \right], \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No8 = \left[A = \frac{\pi}{2}, B = \pi, Condition = \left[\text{Cos}(\theta) = \frac{-1}{2} \right], \underline{Quest} = [\text{Tan}(\theta) + \text{Sin}(\theta)] \right], \quad , \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

[illegible]

$$No1 = \begin{bmatrix} .1 = \frac{3\pi}{2} & .6 = -\frac{53\pi}{6} \\ .2 = \frac{7\pi}{4} & .7 = -\frac{21\pi}{4} \\ .3 = \frac{5\pi}{6} & .8 = -\frac{8\pi}{3} \\ .4 = -\frac{\pi}{3} & .9 = 5 \\ .5 = -\frac{5\pi}{2} & .10 = 1.5 \end{bmatrix}, No2 = \begin{bmatrix} .1 = 90^\circ & .6 = 1755^\circ \\ .2 = (-30)^\circ & .7 = 960^\circ \\ .3 = 45^\circ & .8 = 1290^\circ \\ .4 = (-300)^\circ & .9 = \left(\frac{90}{\pi}\right)^\circ \\ .5 = (-1080)^\circ & .10 = \left(-\frac{450}{\pi}\right)^\circ \end{bmatrix}$$

$$No3 = \left[\begin{array}{l} Condition1 = [\sec(\theta) < 0], Condition2 = \left[\sin(\theta) = \frac{1}{3} \right], Quest = \cot(\theta) \end{array} \right], \quad , \quad \left[\begin{array}{l} \sqrt{\cdot} \\ \cdot \end{array} \right]$$

$$No4 = [Condition1 = [0 < \sin(\theta)], Condition2 = [\cot(\theta) = -3], Quest = \cos(\theta)], \quad , \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No5 = \left[A = 0, B = \frac{\pi}{2}, Condition = \left[\text{Csc}(\theta) = \frac{7}{3} \right], Quest = [\text{Tan}(\theta) + \text{Cos}(\theta)] \right], \quad , \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No6 = \left[A = \frac{3\pi}{2}, B = 2\pi, Condition = \left[\sin(\theta) = \frac{-1}{5} \right], Quest = [\sec(\theta) + \cot(\theta)] \right], \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No7 = \left[A = \frac{\pi}{2}, B = \pi, Condition = \left[\tan(\theta) = \frac{-7}{2} \right], Quest = [\csc(\theta) + \cos(\theta)] \right], \quad , \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No8 = \left[A = \pi, B = \frac{3\pi}{2}, Condition = [\text{Cot}(\theta) = 1], Quest = [\text{Sin}(\theta) - \text{Cos}(\theta)] \right], \quad , \left[\begin{array}{c} \sqrt{\cdot} \cdot \\ \cdot \end{array} \right]$$

[illegible]

$$\begin{aligned}
No1 &= \begin{bmatrix} .1 = \frac{\pi}{2} & .6 = \frac{95 \pi}{6} \\ .2 = \frac{5 \pi}{6} & .7 = \frac{37 \pi}{4} \\ .3 = -\frac{5 \pi}{3} & .8 = \frac{8 \pi}{3} \\ .4 = \frac{7 \pi}{4} & .9 = 7 \\ .5 = \frac{17 \pi}{2} & .10 = 3.5 \end{bmatrix}, No2 = \begin{bmatrix} .1 = 270^\circ & .6 = 1650^\circ \\ .2 = (-210)^\circ & .7 = 1575^\circ \\ .3 = (-135)^\circ & .8 = 1140^\circ \\ .4 = 120^\circ & .9 = \left(\frac{270}{\pi}\right)^\circ \\ .5 = (-2520)^\circ & .10 = \left(-\frac{630}{\pi}\right)^\circ \end{bmatrix} \\
No3 &= \left[Condition1 = \left[\cos(\theta) = \frac{1}{2} \right], Condition2 = [\csc(\theta) < 0], Quest = \csc(\theta) \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No4 &= \left[Condition1 = [\tan(\theta) = -3], Condition2 = [\sec(\theta) < 0], Quest = \sin(\theta) \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No5 &= \left[A = 0, B = \frac{\pi}{2}, Condition = \left[\sec(\theta) = \frac{12}{5} \right], Quest = [\tan(\theta) - \sin(\theta)] \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No6 &= \left[A = \frac{3 \pi}{2}, B = 2 \pi, Condition = \left[\csc(\theta) = \frac{-5}{2} \right], Quest = [\tan(\theta) + \cos(\theta)] \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No7 &= \left[A = \pi, B = \frac{3 \pi}{2}, Condition = \left[\sin(\theta) = \frac{-5}{12} \right], Quest = [\tan(\theta) + \cos(\theta)] \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No8 &= \left[A = \frac{\pi}{2}, B = \pi, Condition = \left[\cos(\theta) = \frac{-2}{5} \right], Quest = [\sin(\theta) - \tan(\theta)] \right], \left[\frac{\sqrt{.}}{.:(} \right]
\end{aligned}$$

$$No1 = \begin{bmatrix} .1 = \frac{3\pi}{2} & .6 = \frac{11\pi}{4} \\ .2 = -\frac{4\pi}{3} & .7 = -\frac{38\pi}{3} \\ .3 = \frac{\pi}{4} & .8 = \frac{71\pi}{6} \\ .4 = \frac{5\pi}{6} & .9 = 6 \\ .5 = -\frac{31\pi}{2} & .10 = 5.5 \end{bmatrix}, No2 = \begin{bmatrix} .1 = 180^\circ & .6 = (-2040)^\circ \\ .2 = 30^\circ & .7 = (-1950)^\circ \\ .3 = 225^\circ & .8 = (-2205)^\circ \\ .4 = 120^\circ & .9 = \left(\frac{270}{\pi}\right)^\circ \\ .5 = 1800^\circ & .10 = \left(-\frac{990}{\pi}\right)^\circ \end{bmatrix}$$

$$No3 = \left[\begin{array}{l} Condition1 = [\sec(\theta) < 0], Condition2 = \left[\sin(\theta) = \frac{3}{5} \right], Quest = \cot(\theta) \end{array} \right], \quad , \quad \left[\begin{array}{l} \sqrt{\cdot} \\ \cdot \end{array} \right]$$

$$No4 = [Condition1 = [\cot(\theta) = -4], Condition2 = [0 < \sec(\theta)], Quest = \csc(\theta)], \quad , \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No5 = \left[A = 0, B = \frac{\pi}{2}, Condition = \left[\cos(\theta) = \frac{1}{3} \right], Quest = [\csc(\theta) + \tan(\theta)] \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$No6 = \left[A = \frac{\pi}{2}, B = \pi, Condition = \left[\text{Sec}(\theta) = \frac{-4}{3} \right], Quest = [\text{Csc}(\theta) - \text{Tan}(\theta)] \right], \quad , \left[\frac{\sqrt{(\cdot)}}{(\cdot)} \right]$$

$$No7 = \left[A = \frac{3\pi}{2}, B = 2\pi, Condition = \left[\text{Csc}(\theta) = \frac{-7}{3} \right], Quest = [\text{Sec}(\theta) + \text{Tan}(\theta)] \right], \quad , \left[\frac{\sqrt{(\cdot)}}{(\cdot)} \right]$$

$$No8 = \left[A = \pi, B = \frac{3\pi}{2}, Condition = \left[\cos(\theta) = \frac{-4}{11} \right], Quest = [\csc(\theta) - \tan(\theta)] \right], \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

[illegible]

$$\begin{aligned}
No1 &= \begin{bmatrix} .1 = \frac{3\pi}{2} & .6 = \frac{43\pi}{4} \\ .2 = -\frac{5\pi}{6} & .7 = -\frac{44\pi}{3} \\ .3 = -\frac{5\pi}{4} & .8 = \frac{79\pi}{6} \\ .4 = -\frac{2\pi}{3} & .9 = 3 \\ .5 = -\frac{31\pi}{2} & .10 = -3.5 \end{bmatrix}, No2 = \begin{bmatrix} .1 = 180^\circ & .6 = (-750)^\circ \\ .2 = 45^\circ & .7 = (-2475)^\circ \\ .3 = 30^\circ & .8 = 1740^\circ \\ .4 = (-300)^\circ & .9 = \left(\frac{90}{\pi}\right)^\circ \\ .5 = 1800^\circ & .10 = \left(-\frac{810}{\pi}\right)^\circ \end{bmatrix} \\
No3 &= \left[Condition1 = \left[\text{Sin}(\theta) = \frac{4}{9} \right], Condition2 = [\text{Cot}(\theta) < 0], Quest = \text{Sec}(\theta) \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No4 &= [Condition1 = [\text{Cot}(\theta) = -1], Condition2 = [0 < \text{Csc}(\theta)], Quest = \text{Cos}(\theta)], \left[\frac{\sqrt{.}}{.:(} \right] \\
No5 &= \left[A = 0, B = \frac{\pi}{2}, Condition = \left[\text{Cot}(\theta) = \frac{1}{2} \right], Quest = [\text{Cos}(\theta) - \text{Sin}(\theta)] \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No6 &= \left[A = \pi, B = \frac{3\pi}{2}, Condition = \left[\text{Tan}(\theta) = \frac{7}{5} \right], Quest = [\text{Cos}(\theta) - \text{Csc}(\theta)] \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No7 &= \left[A = \frac{3\pi}{2}, B = 2\pi, Condition = [\text{Cot}(\theta) = -4], Quest = [\text{Csc}(\theta) + \text{Cos}(\theta)] \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No8 &= \left[A = \frac{\pi}{2}, B = \pi, Condition = \left[\text{Cos}(\theta) = \frac{-1}{4} \right], Quest = [\text{Csc}(\theta) + \text{Cot}(\theta)] \right], \left[\frac{\sqrt{.}}{.:(} \right]
\end{aligned}$$

$$\begin{aligned}
No1 &= \begin{bmatrix} .1 = \frac{3\pi}{2} & .6 = \frac{19\pi}{4} \\ .2 = -\frac{4\pi}{3} & .7 = \frac{17\pi}{3} \\ .3 = \frac{5\pi}{6} & .8 = \frac{79\pi}{6} \\ .4 = -\frac{\pi}{4} & .9 = 7 \\ .5 = -\frac{5\pi}{2} & .10 = 1.5 \end{bmatrix}, No2 = \begin{bmatrix} .1 = 90^\circ & .6 = (-1920)^\circ \\ .2 = (-300)^\circ & .7 = (-510)^\circ \\ .3 = (-330)^\circ & .8 = (-1125)^\circ \\ .4 = (-315)^\circ & .9 = \left(\frac{90}{\pi}\right)^\circ \\ .5 = 2520^\circ & .10 = \left(\frac{720}{\pi}\right)^\circ \end{bmatrix} \\
No3 &= \left[Condition1 = \left[\cos(\theta) = \frac{3}{4} \right], Condition2 = [\sin(\theta) < 0], Quest = \cot(\theta) \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No4 &= \left[Condition1 = [\cot(\theta) = -6], Condition2 = [\cos(\theta) < 0], Quest = \csc(\theta) \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No5 &= \left[A = 0, B = \frac{\pi}{2}, Condition = [\cot(\theta) = 2], Quest = [\sec(\theta) + \csc(\theta)] \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No6 &= \left[A = \frac{3\pi}{2}, B = 2\pi, Condition = \left[\tan(\theta) = \frac{-3}{7} \right], Quest = [\sin(\theta) - \cos(\theta)] \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No7 &= \left[A = \frac{\pi}{2}, B = \pi, Condition = \left[\cos(\theta) = \frac{-5}{7} \right], Quest = [\csc(\theta) + \cot(\theta)] \right], \left[\frac{\sqrt{.}}{.:(} \right] \\
No8 &= \left[A = \pi, B = \frac{3\pi}{2}, Condition = \left[\cot(\theta) = \frac{2}{3} \right], Quest = [\cos(\theta) + \sin(\theta)] \right], \left[\frac{\sqrt{.}}{.:(} \right]
\end{aligned}$$

$$No1 = \begin{bmatrix} .1 = \frac{\pi}{2} & .6 = -\frac{49\pi}{4} \\ .2 = \frac{2\pi}{3} & .7 = -\frac{43\pi}{6} \\ .3 = \frac{7\pi}{4} & .8 = \frac{31\pi}{3} \\ .4 = \frac{11\pi}{6} & .9 = 2 \\ .5 = -\frac{11\pi}{2} & .10 = 5.5 \end{bmatrix}, No2 = \begin{bmatrix} .1 = 180^\circ & .6 = 495^\circ \\ .2 = (-30)^\circ & .7 = 2550^\circ \\ .3 = 240^\circ & .8 = (-2040)^\circ \\ .4 = (-45)^\circ & .9 = \left(\frac{90}{\pi}\right)^\circ \\ .5 = (-720)^\circ & .10 = \left(\frac{630}{\pi}\right)^\circ \end{bmatrix}$$

$$No3 = \left[\begin{array}{l} Condition1 = [\sin(\theta) < 0], Condition2 = \left[\cos(\theta) = \frac{1}{3} \right], Quest = \tan(\theta) \end{array} \right], \quad , \quad \left[\begin{array}{l} \sqrt{\cdot} \\ \cdot \end{array} \right]$$

$$No4 = [Condition1 = [\text{Sec}(\theta) < 0], Condition2 = [\text{Cot}(\theta) = 6], Q_{\text{est}} = \text{Sin}(\theta)], \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No5 = \left[A = 0, B = \frac{\pi}{2}, Condition = \left[\text{Sec}(\theta) = \frac{7}{3} \right], Quest = [\text{Sin}(\theta) - \text{Cot}(\theta)] \right], \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No6 = \left[A = \pi, B = \frac{3\pi}{2}, Condition = \left[\text{Csc}(\theta) = \frac{-6}{5} \right], Quest = [\text{Sec}(\theta) + \text{Cot}(\theta)] \right], \quad \left[\frac{\sqrt{.}}{.} \right]$$

$$No7 = \left[A = \frac{\pi}{2}, B = \pi, Condition = \left[\sin(\theta) = \frac{4}{9} \right], Quest = [\sec(\theta) + \tan(\theta)] \right], \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No8 = \left[A = \frac{3\pi}{2}, B = 2\pi, Condition = \left[\text{Cot}(\theta) = \frac{-3}{7} \right], Quest = [\text{Sin}(\theta) - \text{Cos}(\theta)] \right], \quad , \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No1 = \begin{bmatrix} .1 = \pi & .6 = \frac{13 \pi}{4} \\ .2 = \frac{5 \pi}{4} & .7 = -\frac{43 \pi}{6} \\ .3 = -\frac{11 \pi}{6} & .8 = \frac{44 \pi}{3} \\ .4 = \frac{4 \pi}{3} & .9 = 5 \\ .5 = -\frac{9 \pi}{2} & .10 = 4.5 \end{bmatrix}, No2 = \begin{bmatrix} .1 = 90^\circ & .6 = 2835^\circ \\ .2 = 45^\circ & .7 = (-2490)^\circ \\ .3 = (-60)^\circ & .8 = (-1680)^\circ \\ .4 = (-150)^\circ & .9 = \left(\frac{180}{\pi}\right)^\circ \\ .5 = 1800^\circ & .10 = \left(-\frac{540}{\pi}\right)^\circ \end{bmatrix}$$

$$No3 = \left[\begin{array}{l} Condition1 = [\sec(\theta) < 0], Condition2 = \left[\sin(\theta) = \frac{5}{8} \right], Quest = \tan(\theta) \end{array} \right], \quad , \quad \left[\begin{array}{l} \sqrt{\cdot} \\ \cdot \end{array} \right]$$

$$No4 = [Condition1 = [\cot(\theta) = -3], Condition2 = [0 < \sec(\theta)], Quest = \sin(\theta)], \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No5 = \left[A = 0, B = \frac{\pi}{2}, Condition = \left[\text{Cot}(\theta) = \frac{2}{3} \right], Quest = [\text{Sin}(\theta) + \text{Sec}(\theta)] \right], \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No6 = \left[A = \pi, B = \frac{3\pi}{2}, Condition = \left[\sin(\theta) = \frac{-1}{2} \right], Quest = [\cot(\theta) - \sec(\theta)] \right], \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No7 = \left[A = \frac{3\pi}{2}, B = 2\pi, Condition = \left[\text{Cot}(\theta) = \frac{-5}{6} \right], Quest = [\text{Cos}(\theta) + \text{Sin}(\theta)] \right], \quad , \left[\frac{\sqrt{(\cdot)}}{(\cdot)} \right]$$

$$No8 = \left[A = \frac{\pi}{2}, B = \pi, Condition = \left[\text{Sec}(\theta) = \frac{-5}{3} \right], Quest = [\text{Sin}(\theta) - \text{Cot}(\theta)] \right], \quad , \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No1 = \begin{bmatrix} .1 = \frac{\pi}{2} & .6 = -\frac{16\pi}{3} \\ .2 = \frac{5\pi}{4} & .7 = \frac{85\pi}{6} \\ .3 = \frac{5\pi}{6} & .8 = \frac{45\pi}{4} \\ .4 = -\frac{2\pi}{3} & .9 = 7 \\ .5 = \frac{27\pi}{2} & .10 = 5.5 \end{bmatrix}, No2 = \begin{bmatrix} .1 = 270^\circ & .6 = (-2670)^\circ \\ .2 = (-210)^\circ & .7 = (-405)^\circ \\ .3 = (-315)^\circ & .8 = (-1500)^\circ \\ .4 = (-300)^\circ & .9 = \left(\frac{270}{\pi}\right)^\circ \\ .5 = 1080^\circ & .10 = \left(-\frac{900}{\pi}\right)^\circ \end{bmatrix}$$

$$No3 = \left[\begin{array}{l} Condition1 = [\cot(\theta) < 0], Condition2 = \left[\cos(\theta) = \frac{1}{2}, Quest = \csc(\theta) \right], \left[\frac{\sqrt{\cdot}}{\cdot} \right] \end{array} \right]$$

$$No4 = [Condition1 = [\tan(\theta) = -4], Condition2 = [\csc(\theta) < 0], Quest = \cos(\theta)], \quad , \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No5 = \left[A = 0, B = \frac{\pi}{2}, Condition = [\text{Csc}(\theta) = 5], Quest = [\text{Cos}(\theta) - \text{Cot}(\theta)] \right], \quad \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No6 = \left[A = \frac{3\pi}{2}, B = 2\pi, Condition = [\text{Csc}(\theta) = -7], Quest = [\text{Sec}(\theta) + \text{Tan}(\theta)] \right], \quad , \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

$$No7 = \left[A = \pi, B = \frac{3\pi}{2}, Condition = \left[\sin(\theta) = \frac{-3}{7} \right], Quest = [\cot(\theta) - \sec(\theta)] \right], \quad , \quad \left[\frac{\sqrt{(\cdot)}}{(\cdot)} \right]$$

$$No8 = \left[A = \frac{\pi}{2}, B = \pi, Condition = [\text{Sec}(\theta) = -7], Quest = [\text{Tan}(\theta) + \text{Sin}(\theta)] \right], \quad , \quad \left[\frac{\sqrt{.}}{.} \right]$$

[illegible]

[illegible]

[illegible]