

$$Ans1 = \begin{bmatrix} .1 = (\pi = 180^\circ) & .6 = \left(\frac{23 \pi}{6} = 690^\circ\right) \\ .2 = \left(\frac{\pi}{6} = 30^\circ\right) & .7 = \left(\frac{29 \pi}{4} = 1305^\circ\right) \\ .3 = \left(-\frac{\pi}{4} = (-45)^\circ\right) & .8 = \left(-\frac{16 \pi}{3} = (-960)^\circ\right) \\ .4 = \left(-\frac{2 \pi}{3} = (-120)^\circ\right) & .9 = (1 = 57.296^\circ) \\ .5 = \left(\frac{7 \pi}{2} = 630^\circ\right) & .10 = (5.5 = 315.127^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \left(90^\circ = \frac{\pi}{2}\right) & .6 = \left(2565^\circ = \frac{57 \pi}{4}\right) \\ .2 = \left((-135)^\circ = -\frac{3 \pi}{4}\right) & .7 = \left(2100^\circ = \frac{35 \pi}{3}\right) \\ .3 = \left(210^\circ = \frac{7 \pi}{6}\right) & .8 = \left((-2550)^\circ = -\frac{85 \pi}{6}\right) \\ .4 = \left(60^\circ = \frac{\pi}{3}\right) & .9 = \left(\left(\frac{270}{\pi}\right)^\circ = 1.500\right) \\ .5 = \left((-2250)^\circ = -\frac{25 \pi}{2}\right) & .10 = \left(\left(\frac{900}{\pi}\right)^\circ = 5.000\right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q2], .2 = \left(\cos(\theta) = -\frac{\sqrt{21}}{5}\right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q4], .2 = [\csc(\theta) = -5 \sqrt{2}] \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\csc(\theta) - \cot(\theta) = \frac{\sqrt{5}}{5} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\cos(\theta) + \sin(\theta) = \frac{\sqrt{113}}{113} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\csc(\theta) + \tan(\theta) = -\frac{5 \sqrt{2}}{4} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\sin(\theta) + \tan(\theta) = \frac{\sqrt{11}}{30} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = \left(\frac{\pi}{2} = 90^\circ \right) & .6 = \left(-\frac{40\pi}{3} = (-2400)^\circ \right) \\ .2 = \left(-\frac{\pi}{4} = (-45)^\circ \right) & .7 = \left(-\frac{13\pi}{6} = (-390)^\circ \right) \\ .3 = \left(-\frac{7\pi}{6} = (-210)^\circ \right) & .8 = \left(-\frac{25\pi}{4} = (-1125)^\circ \right) \\ .4 = \left(\frac{2\pi}{3} = 120^\circ \right) & .9 = (7 = 401.070^\circ) \\ .5 = \left(\frac{7\pi}{2} = 630^\circ \right) & .10 = (0.5 = 28.648^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = (180^\circ = \pi) & .6 = \left((-2820)^\circ = -\frac{47\pi}{3} \right) \\ .2 = \left((-30)^\circ = -\frac{\pi}{6} \right) & .7 = \left((-2850)^\circ = -\frac{95\pi}{6} \right) \\ .3 = \left(60^\circ = \frac{\pi}{3} \right) & .8 = \left(1395^\circ = \frac{31\pi}{4} \right) \\ .4 = \left((-225)^\circ = -\frac{5\pi}{4} \right) & .9 = \left(\left(\frac{270}{\pi} \right)^\circ = 1.500 \right) \\ .5 = ((-360)^\circ = -2\pi) & .10 = \left(\left(-\frac{900}{\pi} \right)^\circ = -5.000 \right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\text{Csc}(\theta) = -\frac{8\sqrt{7}}{21} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q4], .2 = \left(\text{Sin}(\theta) = -\frac{\sqrt{2}}{10} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\text{Cot}(\theta) - \text{Csc}(\theta) = -\frac{\sqrt{39}}{13} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\text{Cos}(\theta) + \text{Csc}(\theta) = \frac{13}{15} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\text{Csc}(\theta) - \text{Tan}(\theta) = \frac{19\sqrt{10}}{60} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\text{Sec}(\theta) - \text{Sin}(\theta) = -\frac{49\sqrt{89}}{712} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = \left(\frac{\pi}{2} = 90^\circ \right) & .6 = \left(\frac{43 \pi}{4} = 1935^\circ \right) \\ .2 = \left(\frac{\pi}{4} = 45^\circ \right) & .7 = \left(-\frac{71 \pi}{6} = (-2130)^\circ \right) \\ .3 = \left(\frac{7 \pi}{6} = 210^\circ \right) & .8 = \left(\frac{28 \pi}{3} = 1680^\circ \right) \\ .4 = \left(\frac{5 \pi}{3} = 300^\circ \right) & .9 = (1 = 57.296^\circ) \\ .5 = \left(-\frac{25 \pi}{2} = (-2250)^\circ \right) & .10 = (4.5 = 257.831^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = (180^\circ = \pi) & .6 = \left((-675)^\circ = -\frac{15 \pi}{4} \right) \\ .2 = \left((-60)^\circ = -\frac{\pi}{3} \right) & .7 = \left(2670^\circ = \frac{89 \pi}{6} \right) \\ .3 = \left(225^\circ = \frac{5 \pi}{4} \right) & .8 = \left(1920^\circ = \frac{32 \pi}{3} \right) \\ .4 = \left(30^\circ = \frac{\pi}{6} \right) & .9 = \left(\left(\frac{90}{\pi} \right)^\circ = 0.500 \right) \\ .5 = (1800^\circ = 10 \pi) & .10 = \left(\left(-\frac{450}{\pi} \right)^\circ = -2.500 \right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\sin(\theta) = -\frac{\sqrt{65}}{9} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q4], .2 = [\csc(\theta) = -\sqrt{2}] \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\tan(\theta) + \cos(\theta) = \frac{79 \sqrt{39}}{312} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\cot(\theta) - \cos(\theta) = -\frac{11 \sqrt{77}}{18} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\cot(\theta) - \sec(\theta) = -\frac{11 \sqrt{15}}{15} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\cot(\theta) + \csc(\theta) = -\frac{\sqrt{7}}{7} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = (\pi = 180^\circ) & .6 = \left(-\frac{47\pi}{3} = (-2820)^\circ\right) \\ .2 = \left(-\frac{11\pi}{6} = (-330)^\circ\right) & .7 = \left(\frac{95\pi}{6} = 2850^\circ\right) \\ .3 = \left(\frac{4\pi}{3} = 240^\circ\right) & .8 = \left(-\frac{63\pi}{4} = (-2835)^\circ\right) \\ .4 = \left(-\frac{7\pi}{4} = (-315)^\circ\right) & .9 = (4 = 229.183^\circ) \\ .5 = \left(\frac{19\pi}{2} = 1710^\circ\right) & .10 = (3.5 = 200.535^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \left(270^\circ = \frac{3\pi}{2}\right) & .6 = \left(960^\circ = \frac{16\pi}{3}\right) \\ .2 = \left((-300)^\circ = -\frac{5\pi}{3}\right) & .7 = \left(750^\circ = \frac{25\pi}{6}\right) \\ .3 = \left(45^\circ = \frac{\pi}{4}\right) & .8 = \left(2745^\circ = \frac{61\pi}{4}\right) \\ .4 = \left((-210)^\circ = -\frac{7\pi}{6}\right) & .9 = \left(\left(\frac{360}{\pi}\right)^\circ = 2.000\right) \\ .5 = \left((-1080)^\circ = -6\pi\right) & .10 = \left(\left(-\frac{720}{\pi}\right)^\circ = -4.000\right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\tan(\theta) = -\frac{\sqrt{5}}{2}\right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q4], .2 = [\sec(\theta) = \sqrt{2}] \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\tan(\theta) + \cos(\theta) = \frac{41\sqrt{11}}{66} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\tan(\theta) + \csc(\theta) = \frac{31\sqrt{5}}{30} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\sec(\theta) + \cot(\theta) = -\frac{5\sqrt{3}}{3} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\sec(\theta) + \sin(\theta) = \frac{19\sqrt{34}}{170} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \left[\begin{array}{ll} .1 = (\pi = 180^\circ) & .6 = \left(\frac{37 \pi}{4} = 1665^\circ \right) \\ .2 = \left(-\frac{\pi}{3} = (-60)^\circ \right) & .7 = \left(\frac{35 \pi}{3} = 2100^\circ \right) \\ .3 = \left(-\frac{7 \pi}{4} = (-315)^\circ \right) & .8 = \left(-\frac{25 \pi}{6} = (-750)^\circ \right) \\ .4 = \left(\frac{11 \pi}{6} = 330^\circ \right) & .9 = (3 = 171.887^\circ) \\ .5 = \left(\frac{21 \pi}{2} = 1890^\circ \right) & .10 = (-1.5 = (-85.944)^\circ) \end{array} \right]$$

$$Ans2 = \left[\begin{array}{ll} .1 = \left(90^\circ = \frac{\pi}{2} \right) & .6 = \left(1935^\circ = \frac{43 \pi}{4} \right) \\ .2 = \left((-240)^\circ = -\frac{4 \pi}{3} \right) & .7 = \left(840^\circ = \frac{14 \pi}{3} \right) \\ .3 = \left((-210)^\circ = -\frac{7 \pi}{6} \right) & .8 = \left(2010^\circ = \frac{67 \pi}{6} \right) \\ .4 = \left(135^\circ = \frac{3 \pi}{4} \right) & .9 = \left(\left(\frac{360}{\pi} \right)^\circ = 2.000 \right) \\ .5 = (2520^\circ = 14 \pi) & .10 = \left(\left(-\frac{630}{\pi} \right)^\circ = -3.500 \right) \end{array} \right]$$

$$Ans3 = [.1 = [Quadrant = Q4], .2 = (\tan(\theta) = -\sqrt{3})], \left[\begin{array}{l} \frac{\sqrt{.}}{.} \\ .:(\end{array} \right]$$

$$Ans4 = [.1 = [Quadrant = Q4], .2 = [\sec(\theta) = \sqrt{17}]], \left[\begin{array}{l} \frac{\sqrt{.}}{.} \\ .:(\end{array} \right]$$

$$Ans5 = \left[\sec(\theta) - \csc(\theta) = \frac{\sqrt{5}}{2} \right], \left[\begin{array}{l} \frac{\sqrt{.}}{.} \\ .:(\end{array} \right]$$

$$Ans6 = \left[\cot(\theta) + \sin(\theta) = -\frac{5\sqrt{33}}{231} \right], \left[\begin{array}{l} \frac{\sqrt{.}}{.} \\ .:(\end{array} \right]$$

$$Ans7 = \left[\tan(\theta) + \csc(\theta) = -\frac{31\sqrt{21}}{42} \right], \left[\begin{array}{l} \frac{\sqrt{.}}{.} \\ .:(\end{array} \right]$$

$$Ans8 = \left[\sec(\theta) - \cot(\theta) = -\frac{\sqrt{5}}{10} \right], \left[\begin{array}{l} \frac{\sqrt{.}}{.} \\ .:(\end{array} \right]$$

$$Ans1 = \begin{bmatrix} .1 = (\pi = 180^\circ) & .6 = \left(-\frac{39\pi}{4} = (-1755)^\circ\right) \\ .2 = \left(\frac{5\pi}{4} = 225^\circ\right) & .7 = \left(\frac{43\pi}{3} = 2580^\circ\right) \\ .3 = \left(-\frac{11\pi}{6} = (-330)^\circ\right) & .8 = \left(-\frac{59\pi}{6} = (-1770)^\circ\right) \\ .4 = \left(-\frac{\pi}{3} = (-60)^\circ\right) & .9 = (2 = 114.592^\circ) \\ .5 = \left(-\frac{13\pi}{2} = (-1170)^\circ\right) & .10 = (-1.5 = (-85.944)^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \left(90^\circ = \frac{\pi}{2}\right) & .6 = \left(495^\circ = \frac{11\pi}{4}\right) \\ .2 = \left(135^\circ = \frac{3\pi}{4}\right) & .7 = \left((-930)^\circ = -\frac{31\pi}{6}\right) \\ .3 = \left((-240)^\circ = -\frac{4\pi}{3}\right) & .8 = \left(2040^\circ = \frac{34\pi}{3}\right) \\ .4 = \left(150^\circ = \frac{5\pi}{6}\right) & .9 = \left(\left(\frac{360}{\pi}\right)^\circ = 2.000\right) \\ .5 = \left((-2160)^\circ = -12\pi\right) & .10 = \left(\left(-\frac{720}{\pi}\right)^\circ = -4.000\right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\csc(\theta) = -\frac{9\sqrt{77}}{77}\right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q3], .2 = \left(\cos(\theta) = -\frac{\sqrt{5}}{5}\right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\cos(\theta) + \cot(\theta) = \frac{11\sqrt{55}}{24} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\sec(\theta) + \cot(\theta) = -\frac{11\sqrt{21}}{42} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\tan(\theta) + \csc(\theta) = -\frac{5\sqrt{2}}{4} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\sec(\theta) + \sin(\theta) = -\frac{93\sqrt{65}}{455} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \left[\begin{array}{ll} .1 = (\pi = 180^\circ) & .6 = \left(-\frac{89\pi}{6} = (-2670)^\circ \right) \\ .2 = \left(-\frac{\pi}{3} = (-60)^\circ \right) & .7 = \left(\frac{11\pi}{3} = 660^\circ \right) \\ .3 = \left(-\frac{7\pi}{4} = (-315)^\circ \right) & .8 = \left(\frac{29\pi}{4} = 1305^\circ \right) \\ .4 = \left(-\frac{7\pi}{6} = (-210)^\circ \right) & .9 = (3 = 171.887^\circ) \\ .5 = \left(-\frac{15\pi}{2} = (-1350)^\circ \right) & .10 = (-6.5 = (-372.423)^\circ) \end{array} \right]$$

$$Ans2 = \left[\begin{array}{ll} .1 = \left(90^\circ = \frac{\pi}{2} \right) & .6 = \left((-765)^\circ = -\frac{17\pi}{4} \right) \\ .2 = \left(120^\circ = \frac{2\pi}{3} \right) & .7 = \left(2760^\circ = \frac{46\pi}{3} \right) \\ .3 = \left((-45)^\circ = -\frac{\pi}{4} \right) & .8 = \left((-390)^\circ = -\frac{13\pi}{6} \right) \\ .4 = \left(150^\circ = \frac{5\pi}{6} \right) & .9 = \left(\left(\frac{90}{\pi} \right)^\circ = 0.500 \right) \\ .5 = (2160^\circ = 12\pi) & .10 = \left(\left(\frac{720}{\pi} \right)^\circ = 4.000 \right) \end{array} \right]$$

$$Ans3 = \left[.1 = [Quadrant = Q2], .2 = \left(\sec(\theta) = -\frac{7\sqrt{5}}{15} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q2], .2 = \left[\sin(\theta) = \frac{\sqrt{2}}{2} \right] \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\sec(\theta) + \cot(\theta) = \frac{59\sqrt{5}}{30} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\cot(\theta) + \csc(\theta) = -\frac{\sqrt{3}}{3} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\sec(\theta) - \sin(\theta) = -\frac{61\sqrt{41}}{164} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\tan(\theta) + \cos(\theta) = \frac{11\sqrt{15}}{60} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \left[\begin{array}{ll} .1 = \left(\frac{3\pi}{2} = 270^\circ \right) & .6 = \left(\frac{35\pi}{3} = 2100^\circ \right) \\ .2 = \left(\frac{\pi}{4} = 45^\circ \right) & .7 = \left(-\frac{35\pi}{6} = (-1050)^\circ \right) \\ .3 = \left(\frac{11\pi}{6} = 330^\circ \right) & .8 = \left(-\frac{55\pi}{4} = (-2475)^\circ \right) \\ .4 = \left(-\frac{2\pi}{3} = (-120)^\circ \right) & .9 = (1 = 57.296^\circ) \\ .5 = \left(\frac{5\pi}{2} = 450^\circ \right) & .10 = (0.5 = 28.648^\circ) \end{array} \right]$$

$$Ans2 = \left[\begin{array}{ll} .1 = \left(90^\circ = \frac{\pi}{2} \right) & .6 = \left(2670^\circ = \frac{89\pi}{6} \right) \\ .2 = \left(150^\circ = \frac{5\pi}{6} \right) & .7 = \left((-1485)^\circ = -\frac{33\pi}{4} \right) \\ .3 = \left((-240)^\circ = -\frac{4\pi}{3} \right) & .8 = \left((-2040)^\circ = -\frac{34\pi}{3} \right) \\ .4 = \left(315^\circ = \frac{7\pi}{4} \right) & .9 = \left(\left(\frac{90}{\pi} \right)^\circ = 0.500 \right) \\ .5 = \left((-1710)^\circ = -\frac{19\pi}{2} \right) & .10 = \left(\left(\frac{630}{\pi} \right)^\circ = 3.500 \right) \end{array} \right]$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\text{Csc}(\theta) = -\frac{7\sqrt{6}}{12} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q3], .2 = \left(\text{Cos}(\theta) = -\frac{\sqrt{2}}{10} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = [\text{Csc}(\theta) + \text{Sec}(\theta) = 2\sqrt{2}], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\text{Tan}(\theta) - \text{Cos}(\theta) = \frac{5\sqrt{33}}{231} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\text{Sec}(\theta) - \text{Csc}(\theta) = \frac{5\sqrt{13}}{6} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\text{Sec}(\theta) + \text{Sin}(\theta) = -\frac{13\sqrt{10}}{30} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = \left(\frac{\pi}{2} = 90^\circ \right) & .6 = \left(\frac{46 \pi}{3} = 2760^\circ \right) \\ .2 = \left(\frac{11 \pi}{6} = 330^\circ \right) & .7 = \left(-\frac{55 \pi}{6} = (-1650)^\circ \right) \\ .3 = \left(\frac{\pi}{4} = 45^\circ \right) & .8 = \left(-\frac{11 \pi}{4} = (-495)^\circ \right) \\ .4 = \left(-\frac{\pi}{3} = (-60)^\circ \right) & .9 = (1 = 57.296^\circ) \\ .5 = \left(-\frac{21 \pi}{2} = (-1890)^\circ \right) & .10 = (2.5 = 143.239^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = (180^\circ = \pi) & .6 = \left((-2025)^\circ = -\frac{45 \pi}{4} \right) \\ .2 = \left(30^\circ = \frac{\pi}{6} \right) & .7 = \left((-1470)^\circ = -\frac{49 \pi}{6} \right) \\ .3 = \left(240^\circ = \frac{4 \pi}{3} \right) & .8 = \left((-840)^\circ = -\frac{14 \pi}{3} \right) \\ .4 = \left(135^\circ = \frac{3 \pi}{4} \right) & .9 = \left(\left(\frac{180}{\pi} \right)^\circ = 1.000 \right) \\ .5 = (2520^\circ = 14 \pi) & .10 = \left(\left(\frac{630}{\pi} \right)^\circ = 3.500 \right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q2], .2 = \left(\tan(\theta) = \frac{-3}{4} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q2], .2 = \left[\sin(\theta) = \frac{2\sqrt{5}}{5} \right] \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\cos(\theta) + \csc(\theta) = \frac{21\sqrt{17}}{68} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\sec(\theta) - \sin(\theta) = \frac{7\sqrt{5}}{10} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\cot(\theta) + \sin(\theta) = -\frac{\sqrt{3}}{6} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\csc(\theta) - \cos(\theta) = \frac{37}{15} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = \left(\frac{\pi}{2} = 90^\circ \right) & .6 = \left(\frac{35 \pi}{3} = 2100^\circ \right) \\ .2 = \left(\frac{5 \pi}{6} = 150^\circ \right) & .7 = \left(-\frac{71 \pi}{6} = (-2130)^\circ \right) \\ .3 = \left(-\frac{\pi}{4} = (-45)^\circ \right) & .8 = \left(\frac{53 \pi}{4} = 2385^\circ \right) \\ .4 = \left(-\frac{\pi}{3} = (-60)^\circ \right) & .9 = (6 = 343.775^\circ) \\ .5 = \left(-\frac{29 \pi}{2} = (-2610)^\circ \right) & .10 = (-0.5 = (-28.648)^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = (180^\circ = \pi) & .6 = \left(420^\circ = \frac{7 \pi}{3} \right) \\ .2 = \left((-330)^\circ = -\frac{11 \pi}{6} \right) & .7 = \left((-495)^\circ = -\frac{11 \pi}{4} \right) \\ .3 = \left(315^\circ = \frac{7 \pi}{4} \right) & .8 = \left((-1290)^\circ = -\frac{43 \pi}{6} \right) \\ .4 = \left((-240)^\circ = -\frac{4 \pi}{3} \right) & .9 = \left(\left(\frac{180}{\pi} \right)^\circ = 1.000 \right) \\ .5 = (2160^\circ = 12 \pi) & .10 = \left(\left(\frac{990}{\pi} \right)^\circ = 5.500 \right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q2], .2 = \left(\tan(\theta) = -\frac{\sqrt{3}}{3} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q2], .2 = \left(\csc(\theta) = \frac{5\sqrt{2}}{7} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\cot(\theta) - \cos(\theta) = \frac{8\sqrt{6}}{5} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\sec(\theta) + \sin(\theta) = -\frac{19\sqrt{29}}{58} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\cot(\theta) - \sec(\theta) = \frac{41\sqrt{35}}{35} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\csc(\theta) - \sec(\theta) = -\frac{8\sqrt{34}}{15} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \left[\begin{array}{ll} .1 = \left(\frac{\pi}{2} = 90^\circ \right) & .6 = \left(\frac{35 \pi}{4} = 1575^\circ \right) \\ .2 = \left(-\frac{5 \pi}{6} = (-150)^\circ \right) & .7 = \left(-\frac{28 \pi}{3} = (-1680)^\circ \right) \\ .3 = \left(\frac{\pi}{4} = 45^\circ \right) & .8 = \left(-\frac{41 \pi}{6} = (-1230)^\circ \right) \\ .4 = \left(\frac{\pi}{3} = 60^\circ \right) & .9 = (3 = 171.887^\circ) \\ .5 = \left(\frac{19 \pi}{2} = 1710^\circ \right) & .10 = (-0.5 = (-28.648)^\circ) \end{array} \right]$$

$$Ans2 = \left[\begin{array}{ll} .1 = (180^\circ = \pi) & .6 = \left(2370^\circ = \frac{79 \pi}{6} \right) \\ .2 = \left(225^\circ = \frac{5 \pi}{4} \right) & .7 = \left(2565^\circ = \frac{57 \pi}{4} \right) \\ .3 = \left(30^\circ = \frac{\pi}{6} \right) & .8 = \left((-1020)^\circ = -\frac{17 \pi}{3} \right) \\ .4 = \left((-240)^\circ = -\frac{4 \pi}{3} \right) & .9 = \left(\left(\frac{270}{\pi} \right)^\circ = 1.500 \right) \\ .5 = ((-1440)^\circ = -8 \pi) & .10 = \left(\left(-\frac{720}{\pi} \right)^\circ = -4.000 \right) \end{array} \right]$$

$$Ans3 = \left[.1 = [Quadrant = Q2], .2 = \left(\text{Sec}(\theta) = -\frac{12 \sqrt{119}}{119} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q2], .2 = \left[\text{Sec}(\theta) = -\frac{\sqrt{37}}{6} \right] \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\text{Sin}(\theta) - \text{Cos}(\theta) = \frac{\sqrt{10}}{5} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\text{Sec}(\theta) + \text{Sin}(\theta) = \frac{31 \sqrt{61}}{366} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\text{Sec}(\theta) - \text{Sin}(\theta) = \frac{-13}{20} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\text{Sin}(\theta) + \text{Tan}(\theta) = -\frac{3 \sqrt{21}}{10} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = \left(\frac{\pi}{2} = 90^\circ \right) & .6 = \left(\frac{27\pi}{4} = 1215^\circ \right) \\ .2 = \left(\frac{11\pi}{6} = 330^\circ \right) & .7 = \left(-\frac{31\pi}{3} = (-1860)^\circ \right) \\ .3 = \left(\frac{7\pi}{4} = 315^\circ \right) & .8 = \left(-\frac{61\pi}{6} = (-1830)^\circ \right) \\ .4 = \left(-\frac{\pi}{3} = (-60)^\circ \right) & .9 = (5 = 286.479^\circ) \\ .5 = \left(\frac{21\pi}{2} = 1890^\circ \right) & .10 = (-3.5 = (-200.535)^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \left(270^\circ = \frac{3\pi}{2} \right) & .6 = \left(600^\circ = \frac{10\pi}{3} \right) \\ .2 = \left((-240)^\circ = -\frac{4\pi}{3} \right) & .7 = \left(510^\circ = \frac{17\pi}{6} \right) \\ .3 = \left((-30)^\circ = -\frac{\pi}{6} \right) & .8 = \left(2205^\circ = \frac{49\pi}{4} \right) \\ .4 = \left(225^\circ = \frac{5\pi}{4} \right) & .9 = \left(\left(\frac{270}{\pi} \right)^\circ = 1.500 \right) \\ .5 = \left(2430^\circ = \frac{27\pi}{2} \right) & .10 = \left(\left(-\frac{450}{\pi} \right)^\circ = -2.500 \right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\sin(\theta) = -\frac{\sqrt{105}}{11} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q4], .2 = \left[\sin(\theta) = -\frac{\sqrt{2}}{2} \right] \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\sin(\theta) - \cos(\theta) = -\frac{\sqrt{5}}{5} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = [\csc(\theta) + \sec(\theta) = 0], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\cos(\theta) - \sin(\theta) = \frac{7}{5} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\sec(\theta) + \cot(\theta) = \frac{29\sqrt{35}}{35} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = \left(\frac{\pi}{2} = 90^\circ \right) & .6 = \left(\frac{27 \pi}{4} = 1215^\circ \right) \\ .2 = \left(-\frac{5 \pi}{4} = (-225)^\circ \right) & .7 = \left(-\frac{14 \pi}{3} = (-840)^\circ \right) \\ .3 = \left(-\frac{11 \pi}{6} = (-330)^\circ \right) & .8 = \left(-\frac{13 \pi}{6} = (-390)^\circ \right) \\ .4 = \left(\frac{\pi}{3} = 60^\circ \right) & .9 = (6 = 343.775^\circ) \\ .5 = \left(\frac{5 \pi}{2} = 450^\circ \right) & .10 = (3.5 = 200.535^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = (180^\circ = \pi) & .6 = \left((-780)^\circ = -\frac{13 \pi}{3} \right) \\ .2 = \left(240^\circ = \frac{4 \pi}{3} \right) & .7 = \left(2010^\circ = \frac{67 \pi}{6} \right) \\ .3 = \left(315^\circ = \frac{7 \pi}{4} \right) & .8 = \left(2385^\circ = \frac{53 \pi}{4} \right) \\ .4 = \left((-150)^\circ = -\frac{5 \pi}{6} \right) & .9 = \left(\left(\frac{180}{\pi} \right)^\circ = 1.000 \right) \\ .5 = ((-720)^\circ = -4 \pi) & .10 = \left(\left(\frac{630}{\pi} \right)^\circ = 3.500 \right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q2], .2 = \left(\sec(\theta) = -\frac{6 \sqrt{11}}{11} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q2], .2 = \left(\cos(\theta) = -\frac{3 \sqrt{10}}{10} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\csc(\theta) - \cot(\theta) = \frac{\sqrt{5}}{3} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\cot(\theta) - \sec(\theta) = -\frac{71 \sqrt{7}}{21} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\cot(\theta) - \sec(\theta) = \frac{61 \sqrt{33}}{132} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\csc(\theta) - \tan(\theta) = \frac{11 \sqrt{5}}{10} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = (\pi = 180^\circ) & .6 = \left(-\frac{7\pi}{3} = (-420)^\circ\right) \\ .2 = \left(-\frac{7\pi}{4} = (-315)^\circ\right) & .7 = \left(\frac{91\pi}{6} = 2730^\circ\right) \\ .3 = \left(-\frac{\pi}{3} = (-60)^\circ\right) & .8 = \left(-\frac{53\pi}{4} = (-2385)^\circ\right) \\ .4 = \left(-\frac{5\pi}{6} = (-150)^\circ\right) & .9 = (4 = 229.183^\circ) \\ .5 = \left(\frac{31\pi}{2} = 2790^\circ\right) & .10 = (-6.5 = (-372.423)^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \left(270^\circ = \frac{3\pi}{2}\right) & .6 = \left(2310^\circ = \frac{77\pi}{6}\right) \\ .2 = \left((-30)^\circ = -\frac{\pi}{6}\right) & .7 = \left((-1200)^\circ = -\frac{20\pi}{3}\right) \\ .3 = \left(45^\circ = \frac{\pi}{4}\right) & .8 = \left(2565^\circ = \frac{57\pi}{4}\right) \\ .4 = \left((-240)^\circ = -\frac{4\pi}{3}\right) & .9 = \left(\left(\frac{180}{\pi}\right)^\circ = 1.000\right) \\ .5 = \left((-2250)^\circ = -\frac{25\pi}{2}\right) & .10 = \left(\left(-\frac{810}{\pi}\right)^\circ = -4.500\right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q2], .2 = \left(\cot(\theta) = -\frac{\sqrt{55}}{3}\right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q4], .2 = \left(\sin(\theta) = -\frac{6\sqrt{37}}{37}\right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\cos(\theta) + \sin(\theta) = \frac{7}{5} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\sec(\theta) + \tan(\theta) = \frac{\sqrt{6}}{3} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\tan(\theta) + \cos(\theta) = -\frac{11\sqrt{2}}{12} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\tan(\theta) + \csc(\theta) = \frac{\sqrt{3}}{3} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = \left(\frac{\pi}{2} = 90^\circ \right) & .6 = \left(-\frac{43\pi}{3} = (-2580)^\circ \right) \\ .2 = \left(\frac{7\pi}{6} = 210^\circ \right) & .7 = \left(-\frac{17\pi}{6} = (-510)^\circ \right) \\ .3 = \left(\frac{2\pi}{3} = 120^\circ \right) & .8 = \left(\frac{33\pi}{4} = 1485^\circ \right) \\ .4 = \left(\frac{3\pi}{4} = 135^\circ \right) & .9 = (4 = 229.183^\circ) \\ .5 = \left(\frac{19\pi}{2} = 1710^\circ \right) & .10 = (0.5 = 28.648^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = (180^\circ = \pi) & .6 = \left(1680^\circ = \frac{28\pi}{3} \right) \\ .2 = \left((-330)^\circ = -\frac{11\pi}{6} \right) & .7 = \left((-1830)^\circ = -\frac{61\pi}{6} \right) \\ .3 = \left((-315)^\circ = -\frac{7\pi}{4} \right) & .8 = \left(1215^\circ = \frac{27\pi}{4} \right) \\ .4 = \left(60^\circ = \frac{\pi}{3} \right) & .9 = \left(\left(\frac{90}{\pi} \right)^\circ = 0.500 \right) \\ .5 = \left(450^\circ = \frac{5\pi}{2} \right) & .10 = \left(\left(\frac{990}{\pi} \right)^\circ = 5.500 \right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q2], .2 = \left(\sec(\theta) = -\frac{8\sqrt{7}}{21} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q4], .2 = \left(\sin(\theta) = -\frac{3\sqrt{10}}{10} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\cos(\theta) + \cot(\theta) = \frac{11\sqrt{55}}{24} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\csc(\theta) - \cos(\theta) = -\frac{\sqrt{2}}{2} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\sec(\theta) - \sin(\theta) = \frac{97\sqrt{73}}{219} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\sec(\theta) + \cot(\theta) = -\frac{59\sqrt{5}}{30} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \left[\begin{array}{ll} .1 = \left(\frac{3\pi}{2} = 270^\circ \right) & .6 = \left(-\frac{33\pi}{4} = (-1485)^\circ \right) \\ .2 = \left(\frac{3\pi}{4} = 135^\circ \right) & .7 = \left(\frac{17\pi}{6} = 510^\circ \right) \\ .3 = \left(-\frac{11\pi}{6} = (-330)^\circ \right) & .8 = \left(\frac{20\pi}{3} = 1200^\circ \right) \\ .4 = \left(\frac{2\pi}{3} = 120^\circ \right) & .9 = (3 = 171.887^\circ) \\ .5 = \left(-\frac{9\pi}{2} = (-810)^\circ \right) & .10 = (-6.5 = (-372.423)^\circ) \end{array} \right]$$

$$Ans2 = \left[\begin{array}{ll} .1 = \left(90^\circ = \frac{\pi}{2} \right) & .6 = \left((-780)^\circ = -\frac{13\pi}{3} \right) \\ .2 = \left((-300)^\circ = -\frac{5\pi}{3} \right) & .7 = \left(1830^\circ = \frac{61\pi}{6} \right) \\ .3 = \left((-210)^\circ = -\frac{7\pi}{6} \right) & .8 = \left((-855)^\circ = -\frac{19\pi}{4} \right) \\ .4 = \left(45^\circ = \frac{\pi}{4} \right) & .9 = \left(\left(\frac{90}{\pi} \right)^\circ = 0.500 \right) \\ .5 = \left(2790^\circ = \frac{31\pi}{2} \right) & .10 = \left(\left(-\frac{540}{\pi} \right)^\circ = -3.000 \right) \end{array} \right]$$

$$Ans3 = \left[.1 = [Quadrant = Q2], .2 = \left(\sec(\theta) = -\frac{4\sqrt{15}}{15} \right) \right], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans4 = [.1 = [Quadrant = Q2], .2 = [\csc(\theta) = \sqrt{5}]], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans5 = \left[\cos(\theta) + \cot(\theta) = \frac{28\sqrt{14}}{45} \right], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans6 = \left[\csc(\theta) + \sec(\theta) = -\frac{5\sqrt{13}}{6} \right], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans7 = \left[\csc(\theta) + \sec(\theta) = \frac{\sqrt{5}}{2} \right], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans8 = \left[\cos(\theta) + \cot(\theta) = -\frac{7\sqrt{21}}{10} \right], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans1 = \begin{bmatrix} .1 = \left(\frac{3\pi}{2} = 270^\circ \right) & .6 = \left(\frac{55\pi}{6} = 1650^\circ \right) \\ .2 = \left(\frac{7\pi}{6} = 210^\circ \right) & .7 = \left(-\frac{55\pi}{4} = (-2475)^\circ \right) \\ .3 = \left(-\frac{5\pi}{4} = (-225)^\circ \right) & .8 = \left(-\frac{14\pi}{3} = (-840)^\circ \right) \\ .4 = \left(-\frac{5\pi}{3} = (-300)^\circ \right) & .9 = (3 = 171.887^\circ) \\ .5 = \left(-\frac{5\pi}{2} = (-450)^\circ \right) & .10 = (6.5 = 372.423^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \left(90^\circ = \frac{\pi}{2} \right) & .6 = \left((-660)^\circ = -\frac{11\pi}{3} \right) \\ .2 = \left(240^\circ = \frac{4\pi}{3} \right) & .7 = \left((-2025)^\circ = -\frac{45\pi}{4} \right) \\ .3 = \left(135^\circ = \frac{3\pi}{4} \right) & .8 = \left((-2850)^\circ = -\frac{95\pi}{6} \right) \\ .4 = \left(330^\circ = \frac{11\pi}{6} \right) & .9 = \left(\left(\frac{270}{\pi} \right)^\circ = 1.500 \right) \\ .5 = \left((-990)^\circ = -\frac{11\pi}{2} \right) & .10 = \left(\left(\frac{810}{\pi} \right)^\circ = 4.500 \right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\sin(\theta) = \frac{-3}{5} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q4], .2 = [\sec(\theta) = \sqrt{37}] \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\sec(\theta) + \cot(\theta) = \frac{41\sqrt{35}}{35} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = [\cos(\theta) + \sin(\theta) = 0], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\cot(\theta) - \sec(\theta) = \frac{55\sqrt{3}}{12} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\tan(\theta) + \csc(\theta) = -\frac{19\sqrt{15}}{15} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = (\pi = 180^\circ) & .6 = \left(-\frac{17\pi}{3} = (-1020)^\circ\right) \\ .2 = \left(\frac{3\pi}{4} = 135^\circ\right) & .7 = \left(-\frac{67\pi}{6} = (-2010)^\circ\right) \\ .3 = \left(\frac{5\pi}{6} = 150^\circ\right) & .8 = \left(-\frac{33\pi}{4} = (-1485)^\circ\right) \\ .4 = \left(\frac{4\pi}{3} = 240^\circ\right) & .9 = (4 = 229.183^\circ) \\ .5 = \left(-\frac{23\pi}{2} = (-2070)^\circ\right) & .10 = (4.5 = 257.831^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \left(270^\circ = \frac{3\pi}{2}\right) & .6 = \left(1665^\circ = \frac{37\pi}{4}\right) \\ .2 = \left(300^\circ = \frac{5\pi}{3}\right) & .7 = \left(1500^\circ = \frac{25\pi}{3}\right) \\ .3 = \left(45^\circ = \frac{\pi}{4}\right) & .8 = \left((-1770)^\circ = -\frac{59\pi}{6}\right) \\ .4 = \left(30^\circ = \frac{\pi}{6}\right) & .9 = \left(\left(\frac{270}{\pi}\right)^\circ = 1.500\right) \\ .5 = \left((-720)^\circ = -4\pi\right) & .10 = \left(\left(\frac{810}{\pi}\right)^\circ = 4.500\right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q2], .2 = \left(\sec(\theta) = -\frac{7\sqrt{3}}{12}\right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q3], .2 = [\csc(\theta) = -\sqrt{26}] \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\sec(\theta) - \tan(\theta) = \frac{\sqrt{33}}{11} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\tan(\theta) - \sin(\theta) = \frac{13\sqrt{39}}{40} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\cos(\theta) + \csc(\theta) = \frac{49\sqrt{89}}{445} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\cos(\theta) - \tan(\theta) = \frac{149\sqrt{105}}{1155} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \left[\begin{array}{ll} .1 = \left(\frac{3\pi}{2} = 270^\circ \right) & .6 = \left(-\frac{37\pi}{3} = (-2220)^\circ \right) \\ .2 = \left(-\frac{5\pi}{6} = (-150)^\circ \right) & .7 = \left(\frac{31\pi}{6} = 930^\circ \right) \\ .3 = \left(\frac{4\pi}{3} = 240^\circ \right) & .8 = \left(-\frac{53\pi}{4} = (-2385)^\circ \right) \\ .4 = \left(\frac{5\pi}{4} = 225^\circ \right) & .9 = (5 = 286.479^\circ) \\ .5 = \left(\frac{13\pi}{2} = 1170^\circ \right) & .10 = (-3.5 = (-200.535)^\circ) \end{array} \right]$$

$$Ans2 = \left[\begin{array}{ll} .1 = \left(90^\circ = \frac{\pi}{2} \right) & .6 = \left(1320^\circ = \frac{22\pi}{3} \right) \\ .2 = \left(60^\circ = \frac{\pi}{3} \right) & .7 = \left(390^\circ = \frac{13\pi}{6} \right) \\ .3 = \left((-45)^\circ = -\frac{\pi}{4} \right) & .8 = \left(1395^\circ = \frac{31\pi}{4} \right) \\ .4 = \left((-330)^\circ = -\frac{11\pi}{6} \right) & .9 = \left(\left(\frac{90}{\pi} \right)^\circ = 0.500 \right) \\ .5 = \left((-2070)^\circ = -\frac{23\pi}{2} \right) & .10 = \left(\left(\frac{720}{\pi} \right)^\circ = 4.000 \right) \end{array} \right]$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\text{Csc}(\theta) = -\frac{10\sqrt{91}}{91} \right) \right], \left[\frac{\sqrt{:}}{:} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q4], .2 = \left[\text{Sec}(\theta) = \frac{\sqrt{37}}{6} \right] \right], \left[\frac{\sqrt{:}}{:} \right]$$

$$Ans5 = \left[\text{Cos}(\theta) + \text{Sin}(\theta) = \frac{15\sqrt{113}}{113} \right], \left[\frac{\sqrt{:}}{:} \right]$$

$$Ans6 = \left[\text{Sin}(\theta) - \text{Tan}(\theta) = -\frac{5\sqrt{15}}{4} \right], \left[\frac{\sqrt{:}}{:} \right]$$

$$Ans7 = \left[\text{Cot}(\theta) - \text{Sin}(\theta) = \frac{11\sqrt{15}}{60} \right], \left[\frac{\sqrt{:}}{:} \right]$$

$$Ans8 = \left[\text{Tan}(\theta) - \text{Sec}(\theta) = \frac{\sqrt{3}}{3} \right], \left[\frac{\sqrt{:}}{:} \right]$$

$$Ans1 = \begin{bmatrix} .1 = \left(\frac{3 \pi}{2} = 270^\circ \right) & .6 = \left(\frac{22 \pi}{3} = 1320^\circ \right) \\ .2 = \left(\frac{5 \pi}{6} = 150^\circ \right) & .7 = \left(\frac{39 \pi}{4} = 1755^\circ \right) \\ .3 = \left(\frac{\pi}{4} = 45^\circ \right) & .8 = \left(\frac{55 \pi}{6} = 1650^\circ \right) \\ .4 = \left(-\frac{2 \pi}{3} = (-120)^\circ \right) & .9 = (7 = 401.070^\circ) \\ .5 = \left(-\frac{21 \pi}{2} = (-1890)^\circ \right) & .10 = (4.5 = 257.831^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = (180^\circ = \pi) & .6 = \left(765^\circ = \frac{17 \pi}{4} \right) \\ .2 = \left(225^\circ = \frac{5 \pi}{4} \right) & .7 = \left((-2640)^\circ = -\frac{44 \pi}{3} \right) \\ .3 = \left(240^\circ = \frac{4 \pi}{3} \right) & .8 = \left(2670^\circ = \frac{89 \pi}{6} \right) \\ .4 = \left(30^\circ = \frac{\pi}{6} \right) & .9 = \left(\left(\frac{270}{\pi} \right)^\circ = 1.500 \right) \\ .5 = ((-720)^\circ = -4 \pi) & .10 = \left(\left(\frac{810}{\pi} \right)^\circ = 4.500 \right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q2], .2 = \left(\cot(\theta) = -\frac{2\sqrt{14}}{5} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = [.1 = [Quadrant = Q2], .2 = [\sec(\theta) = -\sqrt{37}]], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\cos(\theta) - \cot(\theta) = -\frac{4\sqrt{6}}{35} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\cos(\theta) + \csc(\theta) = \frac{43\sqrt{85}}{510} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\csc(\theta) - \cos(\theta) = -\frac{\sqrt{2}}{2} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\cot(\theta) + \sin(\theta) = -\frac{5\sqrt{3}}{6} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \left[\begin{array}{ll} .1 = (\pi = 180^\circ) & .6 = \left(\frac{65 \pi}{6} = 1950^\circ \right) \\ .2 = \left(\frac{4 \pi}{3} = 240^\circ \right) & .7 = \left(\frac{31 \pi}{4} = 1395^\circ \right) \\ .3 = \left(-\frac{11 \pi}{6} = (-330)^\circ \right) & .8 = \left(-\frac{31 \pi}{3} = (-1860)^\circ \right) \\ .4 = \left(-\frac{\pi}{4} = (-45)^\circ \right) & .9 = (1 = 57.296^\circ) \\ .5 = \left(-\frac{5 \pi}{2} = (-450)^\circ \right) & .10 = (6.5 = 372.423^\circ) \end{array} \right]$$

$$Ans2 = \left[\begin{array}{ll} .1 = \left(90^\circ = \frac{\pi}{2} \right) & .6 = \left(1290^\circ = \frac{43 \pi}{6} \right) \\ .2 = \left((-135)^\circ = -\frac{3 \pi}{4} \right) & .7 = \left(1485^\circ = \frac{33 \pi}{4} \right) \\ .3 = \left(300^\circ = \frac{5 \pi}{3} \right) & .8 = \left((-1740)^\circ = -\frac{29 \pi}{3} \right) \\ .4 = \left((-210)^\circ = -\frac{7 \pi}{6} \right) & .9 = \left(\left(\frac{180}{\pi} \right)^\circ = 1.000 \right) \\ .5 = \left((-630)^\circ = -\frac{7 \pi}{2} \right) & .10 = \left(\left(\frac{540}{\pi} \right)^\circ = 3.000 \right) \end{array} \right]$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\text{Csc}(\theta) = -\frac{5 \sqrt{21}}{21} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = [.1 = [Quadrant = Q4], .2 = [\text{Sec}(\theta) = \sqrt{2}]], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\text{Cot}(\theta) + \text{Sin}(\theta) = \frac{11 \sqrt{5}}{15} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\text{Csc}(\theta) - \text{Cot}(\theta) = \frac{\sqrt{15}}{3} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\text{Sec}(\theta) + \text{Tan}(\theta) = \frac{\sqrt{119}}{17} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\text{Sec}(\theta) - \text{Csc}(\theta) = -\frac{4 \sqrt{58}}{21} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = \left(\frac{\pi}{2} = 90^\circ \right) & .6 = \left(\frac{16\pi}{3} = 960^\circ \right) \\ .2 = \left(-\frac{5\pi}{4} = (-225)^\circ \right) & .7 = \left(-\frac{29\pi}{4} = (-1305)^\circ \right) \\ .3 = \left(\frac{\pi}{3} = 60^\circ \right) & .8 = \left(-\frac{53\pi}{6} = (-1590)^\circ \right) \\ .4 = \left(-\frac{5\pi}{6} = (-150)^\circ \right) & .9 = (1 = 57.296^\circ) \\ .5 = \left(\frac{19\pi}{2} = 1710^\circ \right) & .10 = (-5.5 = (-315.127)^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \left(270^\circ = \frac{3\pi}{2} \right) & .6 = \left(1755^\circ = \frac{39\pi}{4} \right) \\ .2 = \left(120^\circ = \frac{2\pi}{3} \right) & .7 = \left((-2370)^\circ = -\frac{79\pi}{6} \right) \\ .3 = \left(210^\circ = \frac{7\pi}{6} \right) & .8 = \left(1740^\circ = \frac{29\pi}{3} \right) \\ .4 = \left((-315)^\circ = -\frac{7\pi}{4} \right) & .9 = \left(\left(\frac{90}{\pi} \right)^\circ = 0.500 \right) \\ .5 = (360^\circ = 2\pi) & .10 = \left(\left(\frac{450}{\pi} \right)^\circ = 2.500 \right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [\text{Quadrant} = Q4], .2 = \left(\text{Cot}(\theta) = -\frac{4\sqrt{65}}{65} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [\text{Quadrant} = Q2], .2 = \left[\text{Sin}(\theta) = \frac{3\sqrt{10}}{10} \right] \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\text{Cos}(\theta) - \text{Tan}(\theta) = -\frac{\sqrt{5}}{15} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\text{Sec}(\theta) - \text{Csc}(\theta) = \frac{3\sqrt{5}}{2} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\text{Cot}(\theta) + \text{Sin}(\theta) = -\frac{\sqrt{5}}{15} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\text{Tan}(\theta) - \text{Csc}(\theta) = \frac{79\sqrt{55}}{165} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \left[\begin{array}{ll} .1 = \left(\frac{3 \pi}{2} = 270^\circ \right) & .6 = \left(-\frac{9 \pi}{4} = (-405)^\circ \right) \\ .2 = \left(-\frac{5 \pi}{3} = (-300)^\circ \right) & .7 = \left(\frac{26 \pi}{3} = 1560^\circ \right) \\ .3 = \left(-\frac{11 \pi}{6} = (-330)^\circ \right) & .8 = \left(\frac{67 \pi}{6} = 2010^\circ \right) \\ .4 = \left(\frac{3 \pi}{4} = 135^\circ \right) & .9 = (5 = 286.479^\circ) \\ .5 = \left(\frac{11 \pi}{2} = 990^\circ \right) & .10 = (-6.5 = (-372.423)^\circ) \end{array} \right]$$

$$Ans2 = \left[\begin{array}{ll} .1 = \left(90^\circ = \frac{\pi}{2} \right) & .6 = \left((-2580)^\circ = -\frac{43 \pi}{3} \right) \\ .2 = \left((-240)^\circ = -\frac{4 \pi}{3} \right) & .7 = \left((-855)^\circ = -\frac{19 \pi}{4} \right) \\ .3 = \left(45^\circ = \frac{\pi}{4} \right) & .8 = \left(2550^\circ = \frac{85 \pi}{6} \right) \\ .4 = \left((-30)^\circ = -\frac{\pi}{6} \right) & .9 = \left(\left(\frac{90}{\pi} \right)^\circ = 0.500 \right) \\ .5 = (2520^\circ = 14 \pi) & .10 = \left(\left(\frac{450}{\pi} \right)^\circ = 2.500 \right) \end{array} \right]$$

$$Ans3 = [.1 = [Quadrant = Q4], .2 = (\tan(\theta) = -\sqrt{3})], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = [.1 = [Quadrant = Q2], .2 = \left[\cos(\theta) = -\frac{3\sqrt{10}}{10} \right]], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\sec(\theta) + \cot(\theta) = \frac{61\sqrt{33}}{132} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\cos(\theta) + \csc(\theta) = -\frac{7\sqrt{13}}{39} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = [\tan(\theta) - \sec(\theta) = \sqrt{2}], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\sin(\theta) + \tan(\theta) = -\frac{\sqrt{3}}{2} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = \left(\frac{3\pi}{2} = 270^\circ \right) & .6 = \left(\frac{55\pi}{6} = 1650^\circ \right) \\ .2 = \left(\frac{4\pi}{3} = 240^\circ \right) & .7 = \left(-\frac{31\pi}{3} = (-1860)^\circ \right) \\ .3 = \left(\frac{3\pi}{4} = 135^\circ \right) & .8 = \left(-\frac{37\pi}{4} = (-1665)^\circ \right) \\ .4 = \left(\frac{11\pi}{6} = 330^\circ \right) & .9 = (3 = 171.887^\circ) \\ .5 = \left(-\frac{5\pi}{2} = (-450)^\circ \right) & .10 = (0.5 = 28.648^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = (180^\circ = \pi) & .6 = \left(1770^\circ = \frac{59\pi}{6} \right) \\ .2 = \left(45^\circ = \frac{\pi}{4} \right) & .7 = \left((-1395)^\circ = -\frac{31\pi}{4} \right) \\ .3 = \left(30^\circ = \frac{\pi}{6} \right) & .8 = \left(660^\circ = \frac{11\pi}{3} \right) \\ .4 = \left(120^\circ = \frac{2\pi}{3} \right) & .9 = \left(\left(\frac{270}{\pi} \right)^\circ = 1.500 \right) \\ .5 = (2520^\circ = 14\pi) & .10 = \left(\left(-\frac{630}{\pi} \right)^\circ = -3.500 \right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\tan(\theta) = -\frac{\sqrt{65}}{4} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q4], .2 = \left(\sin(\theta) = -\frac{4\sqrt{17}}{17} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\tan(\theta) + \cos(\theta) = \frac{11\sqrt{2}}{12} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\sec(\theta) + \sin(\theta) = \frac{-13}{15} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\tan(\theta) - \csc(\theta) = -\frac{\sqrt{3}}{3} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\cos(\theta) + \sin(\theta) = -\frac{4\sqrt{34}}{17} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \left[\begin{array}{ll} .1 = \left(\frac{3\pi}{2} = 270^\circ \right) & .6 = \left(-\frac{53\pi}{6} = (-1590)^\circ \right) \\ .2 = \left(\frac{7\pi}{4} = 315^\circ \right) & .7 = \left(-\frac{21\pi}{4} = (-945)^\circ \right) \\ .3 = \left(\frac{5\pi}{6} = 150^\circ \right) & .8 = \left(-\frac{8\pi}{3} = (-480)^\circ \right) \\ .4 = \left(-\frac{\pi}{3} = (-60)^\circ \right) & .9 = (5 = 286.479^\circ) \\ .5 = \left(-\frac{5\pi}{2} = (-450)^\circ \right) & .10 = (1.5 = 85.944^\circ) \end{array} \right]$$

$$Ans2 = \left[\begin{array}{ll} .1 = \left(90^\circ = \frac{\pi}{2} \right) & .6 = \left(1755^\circ = \frac{39\pi}{4} \right) \\ .2 = \left((-30)^\circ = -\frac{\pi}{6} \right) & .7 = \left(960^\circ = \frac{16\pi}{3} \right) \\ .3 = \left(45^\circ = \frac{\pi}{4} \right) & .8 = \left(1290^\circ = \frac{43\pi}{6} \right) \\ .4 = \left((-300)^\circ = -\frac{5\pi}{3} \right) & .9 = \left(\left(\frac{90}{\pi} \right)^\circ = 0.500 \right) \\ .5 = \left((-1080)^\circ = -6\pi \right) & .10 = \left(\left(-\frac{450}{\pi} \right)^\circ = -2.500 \right) \end{array} \right]$$

$$Ans3 = [.1 = [Quadrant = Q2], .2 = (\cot(\theta) = -2\sqrt{2})], \quad , \left[\begin{array}{c} \sqrt{;} \\ :(\end{array} \right]$$

$$Ans4 = [.1 = [Quadrant = Q2], .2 = \left[\cos(\theta) = -\frac{3\sqrt{10}}{10} \right]], \quad , \left[\begin{array}{c} \sqrt{;} \\ :(\end{array} \right]$$

$$Ans5 = \left[\tan(\theta) + \cos(\theta) = \frac{61\sqrt{10}}{140} \right], \quad , \left[\begin{array}{c} \sqrt{;} \\ :(\end{array} \right]$$

$$Ans6 = \left[\sec(\theta) + \cot(\theta) = -\frac{19\sqrt{6}}{12} \right], \quad , \left[\begin{array}{c} \sqrt{;} \\ :(\end{array} \right]$$

$$Ans7 = \left[\cos(\theta) + \csc(\theta) = \frac{39\sqrt{53}}{371} \right], \quad , \left[\begin{array}{c} \sqrt{;} \\ :(\end{array} \right]$$

$$Ans8 = [\sin(\theta) - \cos(\theta) = 0], \quad , \left[\begin{array}{c} \sqrt{;} \\ :(\end{array} \right]$$

$$Ans1 = \left[\begin{array}{ll} .1 = \left(\frac{3 \pi}{2} = 270^\circ \right) & .6 = \left(-\frac{10 \pi}{3} = (-600)^\circ \right) \\ .2 = \left(\frac{5 \pi}{4} = 225^\circ \right) & .7 = \left(\frac{85 \pi}{6} = 2550^\circ \right) \\ .3 = \left(\frac{4 \pi}{3} = 240^\circ \right) & .8 = \left(\frac{47 \pi}{4} = 2115^\circ \right) \\ .4 = \left(-\frac{11 \pi}{6} = (-330)^\circ \right) & .9 = (5 = 286.479^\circ) \\ .5 = \left(-\frac{7 \pi}{2} = (-630)^\circ \right) & .10 = (-4.5 = (-257.831)^\circ) \end{array} \right]$$

$$Ans2 = \left[\begin{array}{ll} .1 = \left(90^\circ = \frac{\pi}{2} \right) & .6 = \left(1290^\circ = \frac{43 \pi}{6} \right) \\ .2 = \left(120^\circ = \frac{2 \pi}{3} \right) & .7 = \left((-420)^\circ = -\frac{7 \pi}{3} \right) \\ .3 = \left(210^\circ = \frac{7 \pi}{6} \right) & .8 = \left((-1485)^\circ = -\frac{33 \pi}{4} \right) \\ .4 = \left((-315)^\circ = -\frac{7 \pi}{4} \right) & .9 = \left(\left(\frac{270}{\pi} \right)^\circ = 1.500 \right) \\ .5 = (1800^\circ = 10 \pi) & .10 = \left(\left(\frac{990}{\pi} \right)^\circ = 5.500 \right) \end{array} \right]$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\tan(\theta) = -\frac{\sqrt{65}}{4} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q3], .2 = \left(\sin(\theta) = -\frac{\sqrt{2}}{2} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\sec(\theta) + \tan(\theta) = \frac{\sqrt{65}}{5} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\cot(\theta) + \sin(\theta) = -\frac{5\sqrt{3}}{6} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\sec(\theta) + \sin(\theta) = -\frac{21\sqrt{17}}{17} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\cot(\theta) - \cos(\theta) = \frac{-8}{15} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \left[\begin{array}{ll} .1 = \left(\frac{\pi}{2} = 90^\circ \right) & .6 = \left(\frac{95 \pi}{6} = 2850^\circ \right) \\ .2 = \left(\frac{5 \pi}{6} = 150^\circ \right) & .7 = \left(\frac{37 \pi}{4} = 1665^\circ \right) \\ .3 = \left(-\frac{5 \pi}{3} = (-300)^\circ \right) & .8 = \left(\frac{8 \pi}{3} = 480^\circ \right) \\ .4 = \left(\frac{7 \pi}{4} = 315^\circ \right) & .9 = (7 = 401.070^\circ) \\ .5 = \left(\frac{17 \pi}{2} = 1530^\circ \right) & .10 = (3.5 = 200.535^\circ) \end{array} \right]$$

$$Ans2 = \left[\begin{array}{ll} .1 = \left(270^\circ = \frac{3 \pi}{2} \right) & .6 = \left(1650^\circ = \frac{55 \pi}{6} \right) \\ .2 = \left((-210)^\circ = -\frac{7 \pi}{6} \right) & .7 = \left(1575^\circ = \frac{35 \pi}{4} \right) \\ .3 = \left((-135)^\circ = -\frac{3 \pi}{4} \right) & .8 = \left(1140^\circ = \frac{19 \pi}{3} \right) \\ .4 = \left(120^\circ = \frac{2 \pi}{3} \right) & .9 = \left(\left(\frac{270}{\pi} \right)^\circ = 1.500 \right) \\ .5 = ((-2520)^\circ = -14 \pi) & .10 = \left(\left(-\frac{630}{\pi} \right)^\circ = -3.500 \right) \end{array} \right]$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\text{Csc}(\theta) = -\frac{2\sqrt{3}}{3} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q2], .2 = \left(\text{Sin}(\theta) = \frac{3\sqrt{10}}{10} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\text{Tan}(\theta) - \text{Sin}(\theta) = \frac{7\sqrt{119}}{60} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\text{Tan}(\theta) + \text{Cos}(\theta) = \frac{11\sqrt{21}}{105} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\text{Tan}(\theta) + \text{Cos}(\theta) = -\frac{59\sqrt{119}}{1428} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\text{Sin}(\theta) - \text{Tan}(\theta) = \frac{7\sqrt{21}}{10} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \left[\begin{array}{ll} .1 = \left(\frac{3\pi}{2} = 270^\circ \right) & .6 = \left(\frac{11\pi}{4} = 495^\circ \right) \\ .2 = \left(-\frac{4\pi}{3} = (-240)^\circ \right) & .7 = \left(-\frac{38\pi}{3} = (-2280)^\circ \right) \\ .3 = \left(\frac{\pi}{4} = 45^\circ \right) & .8 = \left(\frac{71\pi}{6} = 2130^\circ \right) \\ .4 = \left(\frac{5\pi}{6} = 150^\circ \right) & .9 = (6 = 343.775^\circ) \\ .5 = \left(-\frac{31\pi}{2} = (-2790)^\circ \right) & .10 = (5.5 = 315.127^\circ) \end{array} \right]$$

$$Ans2 = \left[\begin{array}{ll} .1 = (180^\circ = \pi) & .6 = \left((-2040)^\circ = -\frac{34\pi}{3} \right) \\ .2 = \left(30^\circ = \frac{\pi}{6} \right) & .7 = \left((-1950)^\circ = -\frac{65\pi}{6} \right) \\ .3 = \left(225^\circ = \frac{5\pi}{4} \right) & .8 = \left((-2205)^\circ = -\frac{49\pi}{4} \right) \\ .4 = \left(120^\circ = \frac{2\pi}{3} \right) & .9 = \left(\left(\frac{270}{\pi} \right)^\circ = 1.500 \right) \\ .5 = (1800^\circ = 10\pi) & .10 = \left(\left(-\frac{990}{\pi} \right)^\circ = -5.500 \right) \end{array} \right]$$

$$Ans3 = \left[.1 = [Quadrant = Q2], .2 = \left(\cot(\theta) = \frac{-4}{3} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = [.1 = [Quadrant = Q4], .2 = [\csc(\theta) = -\sqrt{17}]], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\tan(\theta) + \csc(\theta) = \frac{11\sqrt{2}}{4} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\csc(\theta) - \tan(\theta) = \frac{19\sqrt{7}}{21} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\sec(\theta) + \tan(\theta) = \frac{\sqrt{10}}{5} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\csc(\theta) - \tan(\theta) = -\frac{149\sqrt{105}}{420} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \left[\begin{array}{ll} .1 = \left(\frac{3 \pi}{2} = 270^\circ \right) & .6 = \left(\frac{79 \pi}{6} = 2370^\circ \right) \\ .2 = \left(\frac{11 \pi}{6} = 330^\circ \right) & .7 = \left(\frac{37 \pi}{4} = 1665^\circ \right) \\ .3 = \left(-\frac{4 \pi}{3} = (-240)^\circ \right) & .8 = \left(\frac{28 \pi}{3} = 1680^\circ \right) \\ .4 = \left(\frac{3 \pi}{4} = 135^\circ \right) & .9 = (4 = 229.183^\circ) \\ .5 = \left(-\frac{21 \pi}{2} = (-1890)^\circ \right) & .10 = (3.5 = 200.535^\circ) \end{array} \right]$$

$$Ans2 = \left[\begin{array}{ll} .1 = (180^\circ = \pi) & .6 = \left(1140^\circ = \frac{19 \pi}{3} \right) \\ .2 = \left((-30)^\circ = -\frac{\pi}{6} \right) & .7 = \left(1935^\circ = \frac{43 \pi}{4} \right) \\ .3 = \left((-60)^\circ = -\frac{\pi}{3} \right) & .8 = \left((-870)^\circ = -\frac{29 \pi}{6} \right) \\ .4 = \left(225^\circ = \frac{5 \pi}{4} \right) & .9 = \left(\left(\frac{180}{\pi} \right)^\circ = 1.000 \right) \\ .5 = ((-1800)^\circ = -10 \pi) & .10 = \left(\left(-\frac{450}{\pi} \right)^\circ = -2.500 \right) \end{array} \right]$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\sin(\theta) = -\frac{\sqrt{5}}{3} \right) \right], \left[\frac{\sqrt{5}}{3} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q2], .2 = \left(\sin(\theta) = \frac{4\sqrt{17}}{17} \right) \right], \left[\frac{\sqrt{17}}{17} \right]$$

$$Ans5 = \left[\sec(\theta) + \sin(\theta) = \frac{3\sqrt{2}}{2} \right], \left[\frac{\sqrt{2}}{2} \right]$$

$$Ans6 = \left[\tan(\theta) - \sin(\theta) = -\frac{3\sqrt{15}}{4} \right], \left[\frac{\sqrt{15}}{4} \right]$$

$$Ans7 = \left[\tan(\theta) + \cos(\theta) = -\frac{5\sqrt{2}}{12} \right], \left[\frac{\sqrt{2}}{12} \right]$$

$$Ans8 = \left[\sec(\theta) - \cot(\theta) = -\frac{19\sqrt{11}}{55} \right], \left[\frac{\sqrt{11}}{55} \right]$$

$$Ans1 = \left[\begin{array}{ll} .1 = \left(\frac{3 \pi}{2} = 270^\circ \right) & .6 = \left(\frac{43 \pi}{4} = 1935^\circ \right) \\ .2 = \left(-\frac{5 \pi}{6} = (-150)^\circ \right) & .7 = \left(-\frac{44 \pi}{3} = (-2640)^\circ \right) \\ .3 = \left(-\frac{5 \pi}{4} = (-225)^\circ \right) & .8 = \left(\frac{79 \pi}{6} = 2370^\circ \right) \\ .4 = \left(-\frac{2 \pi}{3} = (-120)^\circ \right) & .9 = (3 = 171.887^\circ) \\ .5 = \left(-\frac{31 \pi}{2} = (-2790)^\circ \right) & .10 = (-3.5 = (-200.535)^\circ) \end{array} \right]$$

$$Ans2 = \left[\begin{array}{ll} .1 = (180^\circ = \pi) & .6 = \left((-750)^\circ = -\frac{25 \pi}{6} \right) \\ .2 = \left(45^\circ = \frac{\pi}{4} \right) & .7 = \left((-2475)^\circ = -\frac{55 \pi}{4} \right) \\ .3 = \left(30^\circ = \frac{\pi}{6} \right) & .8 = \left(1740^\circ = \frac{29 \pi}{3} \right) \\ .4 = \left((-300)^\circ = -\frac{5 \pi}{3} \right) & .9 = \left(\left(\frac{90}{\pi} \right)^\circ = 0.500 \right) \\ .5 = (1800^\circ = 10 \pi) & .10 = \left(\left(-\frac{810}{\pi} \right)^\circ = -4.500 \right) \end{array} \right]$$

$$Ans3 = \left[.1 = [\text{Quadrant} = Q2], .2 = \left(\text{Sec}(\theta) = -\frac{9 \sqrt{65}}{65} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [\text{Quadrant} = Q2], .2 = \left[\text{Cos}(\theta) = -\frac{\sqrt{2}}{2} \right] \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\text{Cos}(\theta) - \text{Sin}(\theta) = -\frac{\sqrt{5}}{5} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\text{Cos}(\theta) - \text{Csc}(\theta) = \frac{39 \sqrt{74}}{518} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\text{Cos}(\theta) + \text{Csc}(\theta) = -\frac{13 \sqrt{17}}{17} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\text{Cot}(\theta) + \text{Csc}(\theta) = \frac{\sqrt{15}}{5} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = \left(\frac{3\pi}{2} = 270^\circ \right) & .6 = \left(-\frac{35\pi}{3} = (-2100)^\circ \right) \\ .2 = \left(\frac{5\pi}{6} = 150^\circ \right) & .7 = \left(\frac{55\pi}{4} = 2475^\circ \right) \\ .3 = \left(-\frac{\pi}{3} = (-60)^\circ \right) & .8 = \left(-\frac{59\pi}{6} = (-1770)^\circ \right) \\ .4 = \left(\frac{\pi}{4} = 45^\circ \right) & .9 = (5 = 286.479^\circ) \\ .5 = \left(\frac{15\pi}{2} = 1350^\circ \right) & .10 = (-1.5 = (-85.944)^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = (180^\circ = \pi) & .6 = \left((-1845)^\circ = -\frac{41\pi}{4} \right) \\ .2 = \left((-240)^\circ = -\frac{4\pi}{3} \right) & .7 = \left((-2010)^\circ = -\frac{67\pi}{6} \right) \\ .3 = \left(330^\circ = \frac{11\pi}{6} \right) & .8 = \left(2040^\circ = \frac{34\pi}{3} \right) \\ .4 = \left((-135)^\circ = -\frac{3\pi}{4} \right) & .9 = \left(\left(\frac{360}{\pi} \right)^\circ = 2.000 \right) \\ .5 = ((-2160)^\circ = -12\pi) & .10 = \left(\left(\frac{450}{\pi} \right)^\circ = 2.500 \right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\text{Csc}(\theta) = -\frac{2\sqrt{3}}{3} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q3], .2 = \left(\text{Cos}(\theta) = -\frac{\sqrt{2}}{10} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\text{Cos}(\theta) - \text{Csc}(\theta) = -\frac{39\sqrt{53}}{106} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\text{Cot}(\theta) - \text{Sec}(\theta) = -\frac{11\sqrt{21}}{42} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\text{Sin}(\theta) - \text{Cos}(\theta) = \frac{\sqrt{13}}{13} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\text{Tan}(\theta) - \text{Sin}(\theta) = -\frac{\sqrt{3}}{2} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = \left(\frac{3\pi}{2} = 270^\circ \right) & .6 = \left(\frac{11\pi}{3} = 660^\circ \right) \\ .2 = \left(\frac{11\pi}{6} = 330^\circ \right) & .7 = \left(\frac{41\pi}{4} = 1845^\circ \right) \\ .3 = \left(-\frac{2\pi}{3} = (-120)^\circ \right) & .8 = \left(\frac{53\pi}{6} = 1590^\circ \right) \\ .4 = \left(-\frac{3\pi}{4} = (-135)^\circ \right) & .9 = (6 = 343.775^\circ) \\ .5 = \left(-\frac{7\pi}{2} = (-630)^\circ \right) & .10 = (5.5 = 315.127^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \left(90^\circ = \frac{\pi}{2} \right) & .6 = \left(1935^\circ = \frac{43\pi}{4} \right) \\ .2 = \left((-225)^\circ = -\frac{5\pi}{4} \right) & .7 = \left(960^\circ = \frac{16\pi}{3} \right) \\ .3 = \left(30^\circ = \frac{\pi}{6} \right) & .8 = \left(690^\circ = \frac{23\pi}{6} \right) \\ .4 = \left(240^\circ = \frac{4\pi}{3} \right) & .9 = \left(\left(\frac{90}{\pi} \right)^\circ = 0.500 \right) \\ .5 = \left((-810)^\circ = -\frac{9\pi}{2} \right) & .10 = \left(\left(-\frac{990}{\pi} \right)^\circ = -5.500 \right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q2], .2 = \left(\tan(\theta) = -\frac{\sqrt{2}}{4} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q3], .2 = \left(\sin(\theta) = -\frac{5\sqrt{26}}{26} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\cos(\theta) - \csc(\theta) = -\frac{21\sqrt{41}}{205} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\cos(\theta) + \sin(\theta) = \frac{\sqrt{10}}{5} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\tan(\theta) - \csc(\theta) = \frac{11\sqrt{5}}{10} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\sec(\theta) + \tan(\theta) = \frac{\sqrt{5}}{5} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = \left(\frac{\pi}{2} = 90^\circ \right) & .6 = \left(-\frac{89\pi}{6} = (-2670)^\circ \right) \\ .2 = \left(-\frac{7\pi}{6} = (-210)^\circ \right) & .7 = \left(-\frac{29\pi}{3} = (-1740)^\circ \right) \\ .3 = \left(-\frac{5\pi}{3} = (-300)^\circ \right) & .8 = \left(\frac{53\pi}{4} = 2385^\circ \right) \\ .4 = \left(\frac{7\pi}{4} = 315^\circ \right) & .9 = (6 = 343.775^\circ) \\ .5 = \left(\frac{17\pi}{2} = 1530^\circ \right) & .10 = (3.5 = 200.535^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \left(270^\circ = \frac{3\pi}{2} \right) & .6 = \left((-2400)^\circ = -\frac{40\pi}{3} \right) \\ .2 = \left(330^\circ = \frac{11\pi}{6} \right) & .7 = \left(750^\circ = \frac{25\pi}{6} \right) \\ .3 = \left((-45)^\circ = -\frac{\pi}{4} \right) & .8 = \left(1935^\circ = \frac{43\pi}{4} \right) \\ .4 = \left((-60)^\circ = -\frac{\pi}{3} \right) & .9 = \left(\left(\frac{360}{\pi} \right)^\circ = 2.000 \right) \\ .5 = \left((-2790)^\circ = -\frac{31\pi}{2} \right) & .10 = \left(\left(\frac{450}{\pi} \right)^\circ = 2.500 \right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q2], .2 = \left(\sec(\theta) = -\frac{2\sqrt{3}}{3} \right) \right], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q3], .2 = \left(\sec(\theta) = -\frac{\sqrt{5}}{2} \right) \right], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans5 = \left[\sec(\theta) + \sin(\theta) = \frac{19\sqrt{13}}{39} \right], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans6 = \left[\cos(\theta) - \sin(\theta) = \frac{2\sqrt{58}}{29} \right], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans7 = [\sec(\theta) + \tan(\theta) = -\sqrt{7}], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans8 = \left[\sec(\theta) + \tan(\theta) = \frac{\sqrt{55}}{11} \right], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans1 = \begin{bmatrix} .1 = \left(\frac{3 \pi}{2} = 270^\circ \right) & .6 = \left(\frac{67 \pi}{6} = 2010^\circ \right) \\ .2 = \left(\frac{4 \pi}{3} = 240^\circ \right) & .7 = \left(\frac{40 \pi}{3} = 2400^\circ \right) \\ .3 = \left(\frac{\pi}{4} = 45^\circ \right) & .8 = \left(\frac{49 \pi}{4} = 2205^\circ \right) \\ .4 = \left(\frac{11 \pi}{6} = 330^\circ \right) & .9 = (1 = 57.296^\circ) \\ .5 = \left(-\frac{11 \pi}{2} = (-990)^\circ \right) & .10 = (6.5 = 372.423^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \left(90^\circ = \frac{\pi}{2} \right) & .6 = \left(1590^\circ = \frac{53 \pi}{6} \right) \\ .2 = \left(135^\circ = \frac{3 \pi}{4} \right) & .7 = \left((-480)^\circ = -\frac{8 \pi}{3} \right) \\ .3 = \left((-30)^\circ = -\frac{\pi}{6} \right) & .8 = \left(2475^\circ = \frac{55 \pi}{4} \right) \\ .4 = \left((-300)^\circ = -\frac{5 \pi}{3} \right) & .9 = \left(\left(\frac{180}{\pi} \right)^\circ = 1.000 \right) \\ .5 = \left((-1170)^\circ = -\frac{13 \pi}{2} \right) & .10 = \left(\left(\frac{900}{\pi} \right)^\circ = 5.000 \right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q2], .2 = \left(\cot(\theta) = -\frac{\sqrt{39}}{5} \right) \right], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q3], .2 = \left(\sin(\theta) = -\frac{5 \sqrt{26}}{26} \right) \right], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans5 = \left[\cos(\theta) - \cot(\theta) = -\frac{5 \sqrt{35}}{6} \right], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans6 = \left[\csc(\theta) + \sec(\theta) = -\frac{11 \sqrt{65}}{28} \right], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans7 = \left[\csc(\theta) + \sec(\theta) = \frac{5}{12} \right], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans8 = \left[\cos(\theta) - \tan(\theta) = -\frac{41 \sqrt{6}}{264} \right], \left[\frac{\sqrt{.}}{.:(} \right]$$

$$Ans1 = \begin{bmatrix} .1 = \left(\frac{3\pi}{2} = 270^\circ \right) & .6 = \left(\frac{19\pi}{4} = 855^\circ \right) \\ .2 = \left(-\frac{4\pi}{3} = (-240)^\circ \right) & .7 = \left(\frac{17\pi}{3} = 1020^\circ \right) \\ .3 = \left(\frac{5\pi}{6} = 150^\circ \right) & .8 = \left(\frac{79\pi}{6} = 2370^\circ \right) \\ .4 = \left(-\frac{\pi}{4} = (-45)^\circ \right) & .9 = (7 = 401.070^\circ) \\ .5 = \left(-\frac{5\pi}{2} = (-450)^\circ \right) & .10 = (1.5 = 85.944^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \left(90^\circ = \frac{\pi}{2} \right) & .6 = \left((-1920)^\circ = -\frac{32\pi}{3} \right) \\ .2 = \left((-300)^\circ = -\frac{5\pi}{3} \right) & .7 = \left((-510)^\circ = -\frac{17\pi}{6} \right) \\ .3 = \left((-330)^\circ = -\frac{11\pi}{6} \right) & .8 = \left((-1125)^\circ = -\frac{25\pi}{4} \right) \\ .4 = \left((-315)^\circ = -\frac{7\pi}{4} \right) & .9 = \left(\left(\frac{90}{\pi} \right)^\circ = 0.500 \right) \\ .5 = (2520^\circ = 14\pi) & .10 = \left(\left(\frac{720}{\pi} \right)^\circ = 4.000 \right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\cot(\theta) = -\frac{3\sqrt{7}}{7} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = [.1 = [Quadrant = Q2], .2 = [\csc(\theta) = \sqrt{37}]], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\csc(\theta) + \sec(\theta) = \frac{3\sqrt{5}}{2} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\sin(\theta) - \cos(\theta) = -\frac{5\sqrt{58}}{29} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\cot(\theta) + \csc(\theta) = \frac{\sqrt{6}}{6} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\cos(\theta) + \sin(\theta) = -\frac{5\sqrt{13}}{13} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \left[\begin{array}{ll} .1 = \left(\frac{\pi}{2} = 90^\circ \right) & .6 = \left(-\frac{49\pi}{4} = (-2205)^\circ \right) \\ .2 = \left(\frac{2\pi}{3} = 120^\circ \right) & .7 = \left(-\frac{43\pi}{6} = (-1290)^\circ \right) \\ .3 = \left(\frac{7\pi}{4} = 315^\circ \right) & .8 = \left(\frac{31\pi}{3} = 1860^\circ \right) \\ .4 = \left(\frac{11\pi}{6} = 330^\circ \right) & .9 = (2 = 114.592^\circ) \\ .5 = \left(-\frac{11\pi}{2} = (-990)^\circ \right) & .10 = (5.5 = 315.127^\circ) \end{array} \right]$$

$$Ans2 = \left[\begin{array}{ll} .1 = (180^\circ = \pi) & .6 = \left(495^\circ = \frac{11\pi}{4} \right) \\ .2 = \left((-30)^\circ = -\frac{\pi}{6} \right) & .7 = \left(2550^\circ = \frac{85\pi}{6} \right) \\ .3 = \left(240^\circ = \frac{4\pi}{3} \right) & .8 = \left((-2040)^\circ = -\frac{34\pi}{3} \right) \\ .4 = \left((-45)^\circ = -\frac{\pi}{4} \right) & .9 = \left(\left(\frac{90}{\pi} \right)^\circ = 0.500 \right) \\ .5 = \left((-720)^\circ = -4\pi \right) & .10 = \left(\left(\frac{630}{\pi} \right)^\circ = 3.500 \right) \end{array} \right]$$

$$Ans3 = [.1 = [Quadrant = Q4], .2 = (\tan(\theta) = -2\sqrt{2})], \left[\begin{array}{l} \sqrt{;} \\ : (\end{array} \right]$$

$$Ans4 = [.1 = [Quadrant = Q3], .2 = \left[\sin(\theta) = -\frac{\sqrt{37}}{37} \right]], \left[\begin{array}{l} \sqrt{;} \\ : (\end{array} \right]$$

$$Ans5 = \left[\sin(\theta) - \cot(\theta) = \frac{19\sqrt{10}}{140} \right], \left[\begin{array}{l} \sqrt{;} \\ : (\end{array} \right]$$

$$Ans6 = \left[\sec(\theta) + \cot(\theta) = -\frac{19\sqrt{11}}{55} \right], \left[\begin{array}{l} \sqrt{;} \\ : (\end{array} \right]$$

$$Ans7 = \left[\sec(\theta) + \tan(\theta) = -\frac{\sqrt{65}}{5} \right], \left[\begin{array}{l} \sqrt{;} \\ : (\end{array} \right]$$

$$Ans8 = \left[\sin(\theta) - \cos(\theta) = -\frac{5\sqrt{58}}{29} \right], \left[\begin{array}{l} \sqrt{;} \\ : (\end{array} \right]$$

$$Ans1 = \begin{bmatrix} .1 = (\pi = 180^\circ) & .6 = \left(\frac{13 \pi}{4} = 585^\circ\right) \\ .2 = \left(\frac{5 \pi}{4} = 225^\circ\right) & .7 = \left(-\frac{43 \pi}{6} = (-1290)^\circ\right) \\ .3 = \left(-\frac{11 \pi}{6} = (-330)^\circ\right) & .8 = \left(\frac{44 \pi}{3} = 2640^\circ\right) \\ .4 = \left(\frac{4 \pi}{3} = 240^\circ\right) & .9 = (5 = 286.479^\circ) \\ .5 = \left(-\frac{9 \pi}{2} = (-810)^\circ\right) & .10 = (4.5 = 257.831^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \left(90^\circ = \frac{\pi}{2}\right) & .6 = \left(2835^\circ = \frac{63 \pi}{4}\right) \\ .2 = \left(45^\circ = \frac{\pi}{4}\right) & .7 = \left((-2490)^\circ = -\frac{83 \pi}{6}\right) \\ .3 = \left((-60)^\circ = -\frac{\pi}{3}\right) & .8 = \left((-1680)^\circ = -\frac{28 \pi}{3}\right) \\ .4 = \left((-150)^\circ = -\frac{5 \pi}{6}\right) & .9 = \left(\left(\frac{180}{\pi}\right)^\circ = 1.000\right) \\ .5 = (1800^\circ = 10 \pi) & .10 = \left(\left(-\frac{540}{\pi}\right)^\circ = -3.000\right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q2], .2 = \left(\text{Tan}(\theta) = -\frac{5\sqrt{39}}{39} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q4], .2 = \left[\text{Sin}(\theta) = -\frac{\sqrt{10}}{10} \right] \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\text{Sec}(\theta) + \text{Sin}(\theta) = \frac{19\sqrt{13}}{26} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\text{Cot}(\theta) - \text{Sec}(\theta) = \frac{5\sqrt{3}}{3} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\text{Cos}(\theta) + \text{Sin}(\theta) = -\frac{\sqrt{61}}{61} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\text{Sin}(\theta) - \text{Cot}(\theta) = \frac{31}{20} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \left[\begin{array}{ll} .1 = \left(\frac{3 \pi}{2} = 270^\circ \right) & .6 = \left(-\frac{63 \pi}{4} = (-2835)^\circ \right) \\ .2 = \left(\frac{11 \pi}{6} = 330^\circ \right) & .7 = \left(-\frac{43 \pi}{6} = (-1290)^\circ \right) \\ .3 = \left(\frac{5 \pi}{3} = 300^\circ \right) & .8 = \left(-\frac{41 \pi}{3} = (-2460)^\circ \right) \\ .4 = \left(-\frac{3 \pi}{4} = (-135)^\circ \right) & .9 = (2 = 114.592^\circ) \\ .5 = \left(\frac{13 \pi}{2} = 1170^\circ \right) & .10 = (-2.5 = (-143.239)^\circ) \end{array} \right]$$

$$Ans2 = \left[\begin{array}{ll} .1 = (180^\circ = \pi) & .6 = \left((-1920)^\circ = -\frac{32 \pi}{3} \right) \\ .2 = \left(30^\circ = \frac{\pi}{6} \right) & .7 = \left(2025^\circ = \frac{45 \pi}{4} \right) \\ .3 = \left(120^\circ = \frac{2 \pi}{3} \right) & .8 = \left((-390)^\circ = -\frac{13 \pi}{6} \right) \\ .4 = \left((-225)^\circ = -\frac{5 \pi}{4} \right) & .9 = \left(\left(\frac{180}{\pi} \right)^\circ = 1.000 \right) \\ .5 = \left((-1440)^\circ = -8 \pi \right) & .10 = \left(\left(\frac{450}{\pi} \right)^\circ = 2.500 \right) \end{array} \right]$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\text{Csc}(\theta) = -\frac{6\sqrt{35}}{35} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q3], .2 = \left[\text{Sin}(\theta) = -\frac{\sqrt{2}}{2} \right] \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\text{Tan}(\theta) + \text{Csc}(\theta) = \frac{5\sqrt{3}}{3} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\text{Cos}(\theta) - \text{Csc}(\theta) = -\frac{7\sqrt{5}}{10} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\text{Sec}(\theta) - \text{Tan}(\theta) = -\frac{\sqrt{65}}{5} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\text{Tan}(\theta) + \text{Csc}(\theta) = -\frac{41\sqrt{35}}{35} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \left[\begin{array}{ll} .1 = \left(\frac{\pi}{2} = 90^\circ \right) & .6 = \left(-\frac{16\pi}{3} = (-960)^\circ \right) \\ .2 = \left(\frac{5\pi}{4} = 225^\circ \right) & .7 = \left(\frac{85\pi}{6} = 2550^\circ \right) \\ .3 = \left(\frac{5\pi}{6} = 150^\circ \right) & .8 = \left(\frac{45\pi}{4} = 2025^\circ \right) \\ .4 = \left(-\frac{2\pi}{3} = (-120)^\circ \right) & .9 = (7 = 401.070^\circ) \\ .5 = \left(\frac{27\pi}{2} = 2430^\circ \right) & .10 = (5.5 = 315.127^\circ) \end{array} \right]$$

$$Ans2 = \left[\begin{array}{ll} .1 = \left(270^\circ = \frac{3\pi}{2} \right) & .6 = \left((-2670)^\circ = -\frac{89\pi}{6} \right) \\ .2 = \left((-210)^\circ = -\frac{7\pi}{6} \right) & .7 = \left((-405)^\circ = -\frac{9\pi}{4} \right) \\ .3 = \left((-315)^\circ = -\frac{7\pi}{4} \right) & .8 = \left((-1500)^\circ = -\frac{25\pi}{3} \right) \\ .4 = \left((-300)^\circ = -\frac{5\pi}{3} \right) & .9 = \left(\left(\frac{270}{\pi} \right)^\circ = 1.500 \right) \\ .5 = (1080^\circ = 6\pi) & .10 = \left(\left(-\frac{900}{\pi} \right)^\circ = -5.000 \right) \end{array} \right]$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\text{Csc}(\theta) = -\frac{2\sqrt{3}}{3} \right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q4], .2 = \left[\text{Cos}(\theta) = \frac{\sqrt{17}}{17} \right] \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\text{Cos}(\theta) - \text{Cot}(\theta) = -\frac{8\sqrt{6}}{5} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\text{Sec}(\theta) + \text{Tan}(\theta) = \frac{\sqrt{3}}{2} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\text{Cot}(\theta) - \text{Sec}(\theta) = \frac{61\sqrt{10}}{60} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\text{Sin}(\theta) + \text{Tan}(\theta) = -\frac{24\sqrt{3}}{7} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = (\pi = 180^\circ) & .6 = \left(\frac{47 \pi}{3} = 2820^\circ\right) \\ .2 = \left(\frac{3 \pi}{4} = 135^\circ\right) & .7 = \left(\frac{41 \pi}{4} = 1845^\circ\right) \\ .3 = \left(\frac{\pi}{6} = 30^\circ\right) & .8 = \left(-\frac{73 \pi}{6} = (-2190)^\circ\right) \\ .4 = \left(\frac{4 \pi}{3} = 240^\circ\right) & .9 = (7 = 401.070^\circ) \\ .5 = \left(\frac{5 \pi}{2} = 450^\circ\right) & .10 = (2.5 = 143.239^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \left(270^\circ = \frac{3 \pi}{2}\right) & .6 = \left(1500^\circ = \frac{25 \pi}{3}\right) \\ .2 = \left(60^\circ = \frac{\pi}{3}\right) & .7 = \left((-1050)^\circ = -\frac{35 \pi}{6}\right) \\ .3 = \left(315^\circ = \frac{7 \pi}{4}\right) & .8 = \left((-2655)^\circ = -\frac{59 \pi}{4}\right) \\ .4 = \left((-150)^\circ = -\frac{5 \pi}{6}\right) & .9 = \left(\left(\frac{270}{\pi}\right)^\circ = 1.500\right) \\ .5 = (1800^\circ = 10 \pi) & .10 = \left(\left(-\frac{450}{\pi}\right)^\circ = -2.500\right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\csc(\theta) = -\frac{5\sqrt{21}}{21}\right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q3], .2 = \left(\sin(\theta) = -\frac{7\sqrt{2}}{10}\right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\sec(\theta) - \tan(\theta) = \frac{\sqrt{3}}{3} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\sin(\theta) - \sec(\theta) = \frac{19\sqrt{34}}{102} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\cos(\theta) - \tan(\theta) = \frac{\sqrt{39}}{312} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\cot(\theta) - \csc(\theta) = \frac{\sqrt{21}}{7} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = (\pi = 180^\circ) & .6 = \left(-\frac{35\pi}{4} = (-1575)^\circ\right) \\ .2 = \left(-\frac{5\pi}{6} = (-150)^\circ\right) & .7 = \left(-\frac{23\pi}{6} = (-690)^\circ\right) \\ .3 = \left(-\frac{3\pi}{4} = (-135)^\circ\right) & .8 = \left(-\frac{14\pi}{3} = (-840)^\circ\right) \\ .4 = \left(-\frac{4\pi}{3} = (-240)^\circ\right) & .9 = (7 = 401.070^\circ) \\ .5 = \left(-\frac{7\pi}{2} = (-630)^\circ\right) & .10 = (3.5 = 200.535^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \left(270^\circ = \frac{3\pi}{2}\right) & .6 = \left(1020^\circ = \frac{17\pi}{3}\right) \\ .2 = \left(60^\circ = \frac{\pi}{3}\right) & .7 = \left((-750)^\circ = -\frac{25\pi}{6}\right) \\ .3 = \left((-330)^\circ = -\frac{11\pi}{6}\right) & .8 = \left((-2475)^\circ = -\frac{55\pi}{4}\right) \\ .4 = \left((-315)^\circ = -\frac{7\pi}{4}\right) & .9 = \left(\left(\frac{180}{\pi}\right)^\circ = 1.000\right) \\ .5 = (1440^\circ = 8\pi) & .10 = \left(\left(\frac{720}{\pi}\right)^\circ = 4.000\right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q4], .2 = \left(\tan(\theta) = -\frac{\sqrt{33}}{4}\right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q4], .2 = \left(\cos(\theta) = \frac{\sqrt{26}}{26}\right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\tan(\theta) - \cos(\theta) = -\frac{\sqrt{3}}{6} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\cos(\theta) + \sin(\theta) = \frac{\sqrt{13}}{13} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\cot(\theta) + \sin(\theta) = \frac{19\sqrt{11}}{66} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = \left[\tan(\theta) + \cos(\theta) = -\frac{41\sqrt{35}}{210} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans1 = \begin{bmatrix} .1 = (\pi = 180^\circ) & .6 = \left(\frac{47 \pi}{6} = 1410^\circ\right) \\ .2 = \left(\frac{2 \pi}{3} = 120^\circ\right) & .7 = \left(\frac{39 \pi}{4} = 1755^\circ\right) \\ .3 = \left(-\frac{7 \pi}{4} = (-315)^\circ\right) & .8 = \left(\frac{16 \pi}{3} = 960^\circ\right) \\ .4 = \left(\frac{11 \pi}{6} = 330^\circ\right) & .9 = (6 = 343.775^\circ) \\ .5 = \left(-\frac{9 \pi}{2} = (-810)^\circ\right) & .10 = (4.5 = 257.831^\circ) \end{bmatrix}$$

$$Ans2 = \begin{bmatrix} .1 = \left(90^\circ = \frac{\pi}{2}\right) & .6 = \left(1485^\circ = \frac{33 \pi}{4}\right) \\ .2 = \left(30^\circ = \frac{\pi}{6}\right) & .7 = \left((-2010)^\circ = -\frac{67 \pi}{6}\right) \\ .3 = \left(45^\circ = \frac{\pi}{4}\right) & .8 = \left((-2640)^\circ = -\frac{44 \pi}{3}\right) \\ .4 = \left(60^\circ = \frac{\pi}{3}\right) & .9 = \left(\left(\frac{90}{\pi}\right)^\circ = 0.500\right) \\ .5 = (720^\circ = 4 \pi) & .10 = \left(\left(-\frac{450}{\pi}\right)^\circ = -2.500\right) \end{bmatrix}$$

$$Ans3 = \left[.1 = [Quadrant = Q2], .2 = \left(\tan(\theta) = -\frac{5\sqrt{6}}{24}\right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans4 = \left[.1 = [Quadrant = Q3], .2 = \left(\csc(\theta) = -\frac{\sqrt{17}}{4}\right) \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans5 = \left[\sec(\theta) - \tan(\theta) = \frac{\sqrt{7}}{7} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans6 = \left[\tan(\theta) - \sec(\theta) = \frac{\sqrt{2}}{2} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans7 = \left[\tan(\theta) - \cos(\theta) = \frac{31\sqrt{21}}{105} \right], \left[\frac{\sqrt{.}}{.} \right]$$

$$Ans8 = [\cot(\theta) + \csc(\theta) = -\sqrt{6}], \left[\frac{\sqrt{.}}{.} \right]$$

[illegible]