

$$No1 = \begin{bmatrix} .1 = \pi & .6 = \frac{47 \pi}{6} \\ .2 = -\frac{5 \pi}{3} & .7 = \frac{21 \pi}{4} \\ .3 = \frac{11 \pi}{6} & .8 = -\frac{32 \pi}{3} \\ .4 = -\frac{5 \pi}{4} & .9 = 3 \\ .5 = -\frac{17 \pi}{2} & .10 = 3.5 \end{bmatrix}, No2 = \begin{bmatrix} .1 = 90^\circ & .6 = 870^\circ \\ .2 = (-120)^\circ & .7 = (-2220)^\circ \\ .3 = 315^\circ & .8 = (-1575)^\circ \\ .4 = 30^\circ & .9 = \left(\frac{180}{\pi}\right)^\circ \\ .5 = (-2430)^\circ & .10 = \left(\frac{450}{\pi}\right)^\circ \end{bmatrix}$$

$$No3 = \left[Condition1 = \left[\sin(\theta) = \frac{1}{8} \right], Condition2 = [\tan(\theta) < 0], Quest = \cos(\theta) \right], \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

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

$$No5 = \left[A = 0, B = \frac{\pi}{2}, Condition = \left[\sin(\theta) = \frac{1}{2} \right], Quest = [\cot(\theta) - \sec(\theta)] \right], \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

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

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

$$No8 = \left[A = \frac{3 \pi}{2}, B = 2 \pi, Condition = \left[\cos(\theta) = \frac{1}{2} \right], Quest = [\tan(\theta) - \csc(\theta)] \right], \left[\frac{\sqrt{\cdot}}{\cdot} \right]$$

