

$$\begin{aligned}\sin x &= \sqrt{2}/2 \\ x &= P/4 + 2Pk, k \in \mathbb{Z} \\ x &= 3P/4 + 2Pk, k \in \mathbb{Z}\end{aligned}$$

$$\begin{aligned}\cos x &= 1 \\ x &= 0 + 2Pk, k \in \mathbb{Z}\end{aligned}$$

$$\begin{aligned}\cos x &= 0 \\ x &= P/2 + 2Pk, k \in \mathbb{Z} \\ x &= 3P/2 + 2Pk, k \in \mathbb{Z}\end{aligned}$$

$$x = P/2 + Pk, k \in \mathbb{Z}$$

$$\begin{aligned}\sin x &= 0 \\ x &= P + Pk \text{ or } Pk\end{aligned}$$

$$\begin{aligned}\sin x &= -\frac{\sqrt{3}}{2} \\ x &= \arcsin(-3/5) + 2Pk, k \in \mathbb{Z} \\ x &= P - \arcsin(-3/5) + 2Pk, k \in \mathbb{Z} = P + \arcsin(\frac{\sqrt{3}}{2}) + 2Pk, k \in \mathbb{Z}\end{aligned}$$

$$\arcsin(-a) = -\arcsin(a)$$

$$\begin{aligned}\cos x &= \frac{3}{4} \\ x &= \arccos(3/4) + 2Pk, k \in \mathbb{Z} \\ x &= -\arccos(3/4) + 2Pk, k \in \mathbb{Z}\end{aligned}$$

$$\begin{aligned}\sin x &= -\frac{1}{2} \\ x &= 7P/6 + 2Pk, k \in \mathbb{Z} \\ x &= 11P/6 + 2Pk, k \in \mathbb{Z}\end{aligned}$$

$$\begin{aligned}\sin x &= -1 \\ x &= 3P/2 + 2Pk, k \in \mathbb{Z}\end{aligned}$$

$$\begin{aligned}\cos x &= -1 \\ x &= P + 2Pk, k \in \mathbb{Z}\end{aligned}$$

$$\begin{aligned}\cos x &= -\frac{1}{2} \\ x &= 2P/3 + 2Pk, k \in \mathbb{Z} \\ x &= 4P/3 + 2Pk, k \in \mathbb{Z}\end{aligned}$$

$$\begin{aligned}\sin x &= \frac{3}{7} \\ x &= \arcsin(3/7) + 2Pk, k \in \mathbb{Z} \\ x &= P - \arcsin(3/7) + 2Pk, k \in \mathbb{Z}\end{aligned}$$

$$\begin{aligned}\sin x &= -\frac{3}{7} \\ x &= \arcsin(-3/7) + 2Pk, k \in \mathbb{Z} \\ x &= P - \arcsin(-3/7) + 2Pk, k \in \mathbb{Z} \\ \sin x &= -\frac{3}{7} \\ x &= -\arcsin(3/7) + 2Pk, k \in \mathbb{Z} \\ x &= P + \arcsin(3/7) + 2Pk, k \in \mathbb{Z}\end{aligned}$$

