

$\sin x = \sqrt{2}/2$
 $x = \pi/4 + 2\pi k, k \in \mathbb{Z}$
 $x = 3\pi/4 + 2\pi k, k \in \mathbb{Z}$

$\cos x = 1$
 $x = 0 + 2\pi k, k \in \mathbb{Z}$

$\cos x = 0$
 $x = \pi/2 + 2\pi k, k \in \mathbb{Z}$
 $x = 3\pi/2 + 2\pi k, k \in \mathbb{Z}$

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

$\sin x = 0$
 $x = \pi + \pi k \parallel \pi k$

$\sin x = -3/5$
 $x = \arcsin(-3/5) + 2\pi k, k \in \mathbb{Z}$
 $x = \pi - \arcsin(-3/5) + 2\pi k, k \in \mathbb{Z} = \pi + \arcsin(3/5) + 2\pi k, k \in \mathbb{Z}$

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

$\cos x = 3/4$
 $x = \arccos(3/4) + 2\pi k, k \in \mathbb{Z}$
 $x = -\arccos(3/4) + 2\pi k, k \in \mathbb{Z}$

$\sin x = -1/2$
 $x = 7\pi/6 + 2\pi k, k \in \mathbb{Z}$
 $x = 11\pi/6 + 2\pi k, k \in \mathbb{Z}$

$\sin x = -1$
 $x = 3\pi/2 + 2\pi k, k \in \mathbb{Z}$

$\cos x = -1$
 $x = \pi + 2\pi k, k \in \mathbb{Z}$

$\cos x = -1/2$
 $x = 2\pi/3 + 2\pi k, k \in \mathbb{Z}$
 $x = 4\pi/3 + 2\pi k, k \in \mathbb{Z}$

$\sin x = 3/7$
 $x = \arcsin(3/7) + 2\pi k, k \in \mathbb{Z}$
 $x = \pi - \arcsin(3/7) + 2\pi k, k \in \mathbb{Z}$

$\sin x = -3/7$
 $x = \arcsin(-3/7) + 2\pi k, k \in \mathbb{Z}$
 $x = \pi - \arcsin(-3/7) + 2\pi k, k \in \mathbb{Z}$
 $\sin x = -3/7$
 $x = -\arcsin(3/7) + 2\pi k, k \in \mathbb{Z}$
 $x = \pi + \arcsin(3/7) + 2\pi k, k \in \mathbb{Z}$

