

$\sin x = a$   
 $x = (-1)^k \arcsin(a) + Pk, k \in \mathbb{Z}$

$k = 2t$   
 $x = (-1)^{2t} \arcsin(a) + P2t, t \in \mathbb{Z}$   
 $x = \arcsin(a) + P2t, t \in \mathbb{Z}$

$k = 2t + 1$   
 $x = -\arcsin(a) + P(2t + 1), t \in \mathbb{Z}$   
 $x = -\arcsin(a) + 2Pt + P, t \in \mathbb{Z}$   
 $x = P - \arcsin(a) + 2Pt, t \in \mathbb{Z}$

$\sin x = \frac{1}{2}$   
 $x = P/6 + 2Pk, k \in \mathbb{Z}$   
 $x = 5P/6 + 2Pk, k \in \mathbb{Z}$

$\sin x = -\sqrt{3}/2$   
 $x = 5P/3 + 2Pk, k \in \mathbb{Z}$   
 $x = 4P/3 + 2Pk, k \in \mathbb{Z}$

$\sin x = \frac{1}{3}$   
 $x = \arcsin(\frac{1}{3}) + 2Pk, k \in \mathbb{Z}$   
 $x = P - \arcsin(\frac{1}{3}) + 2Pk, k \in \mathbb{Z}$

$\cos x = -\sqrt{3}/2$   
 $x = 7P/6 + 2Pk, k \in \mathbb{Z}$   
 $x = 5P/6 + 2Pk, k \in \mathbb{Z}$   
 $x = + - \arccos(-\sqrt{3}/2) + 2Pk$   
 $x = + - 5P/6 + 2Pk$   
 $x = + - 7P/6 + 2Pk$

$\cos x = -\frac{1}{3}$   
 $x = \arccos(-\frac{1}{3}) + 2Pk$   
 $x = -\arccos(-\frac{1}{3}) + 2Pk$

