

$\sin x = \frac{1}{2}$
 $x = \frac{\pi}{6} + 2\pi n, n \in \mathbb{Z}$
 $x = \frac{5\pi}{6} + 2\pi n, n \in \mathbb{Z}$

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

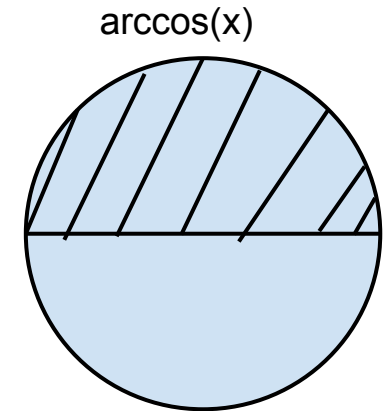
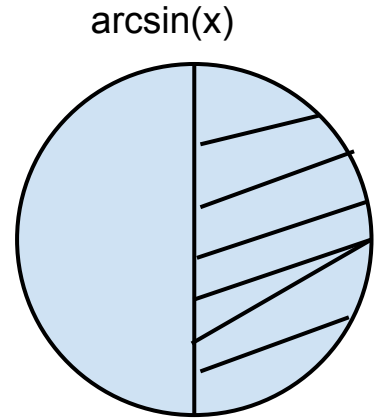
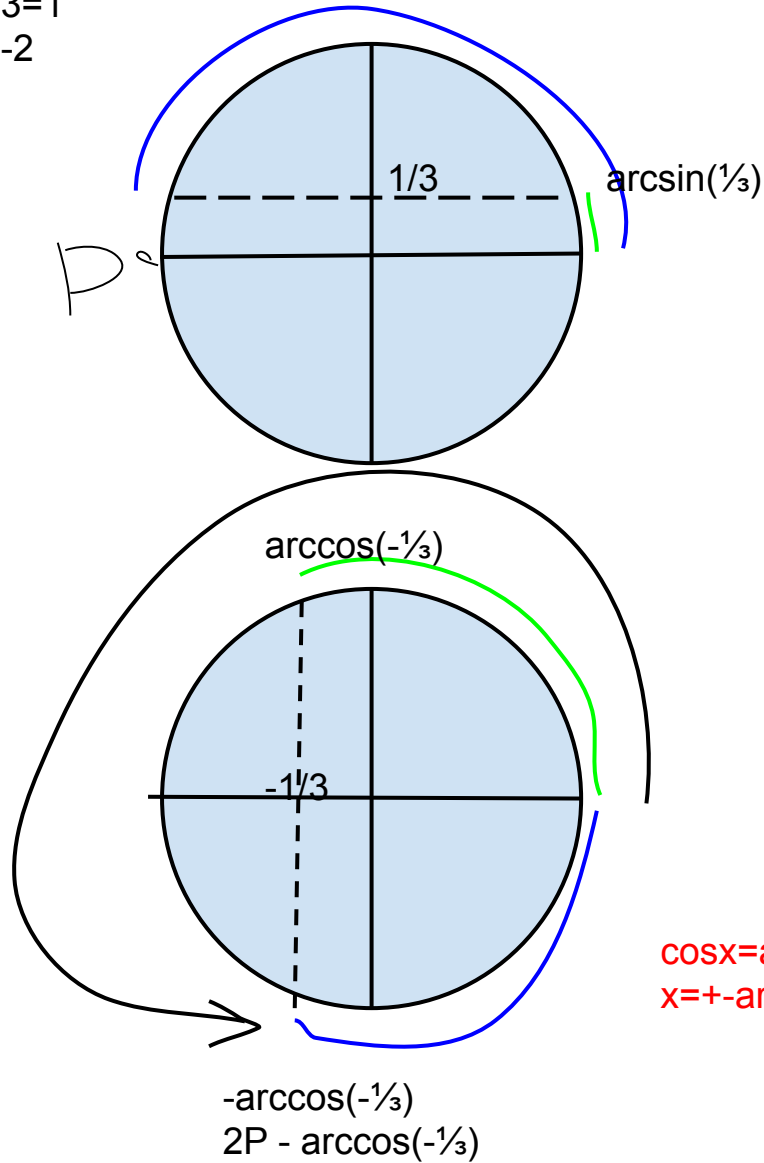
$\cos x = -\frac{\sqrt{3}}{2}$
 $x = \pm \arccos(-\frac{\sqrt{3}}{2}) + 2\pi k$
 $x = \frac{5\pi}{6} + 2\pi n, n \in \mathbb{Z}$
 $x = \frac{7\pi}{6} + 2\pi n, n \in \mathbb{Z}$

$\cos x = -\frac{1}{3}$
 $x = \arccos(-\frac{1}{3}) + 2\pi n, n \in \mathbb{Z}$
 $x = -\arccos(-\frac{1}{3}) + 2\pi n, n \in \mathbb{Z}$

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

Если n чет, $n = 2k$
 $x = (-1)^{2k} \arcsin(a) + \pi 2k = \arcsin(a) + 2\pi k$,
 Если n нечет, $n = 2k + 1$
 $x = (-1)^{2k+1} \arcsin(a) + \pi(2k+1) = -\arcsin(a) + \pi + 2\pi k = \pi - \arcsin(a) + 2\pi k$

$x + 3 = 1$
 $x = -2$



$\cos x = a$
 $x = \pm \arccos(a) + 2\pi k$