

$\sin x = \sqrt{3}/2$
 $x = 2\pi/3 + 2\pi k$
 $x = \pi/3 + 2\pi k$

$\cos x = -1/2$
 $x = 2\pi/3 + 2\pi k$
 $x = 4\pi/3 + 2\pi k$

$\sin x = 2$
Нет решения

$\cos x = 1/5$
 $x = \arccos(1/5) + 2\pi k$
 $x = -\arccos(1/5) + 2\pi k$

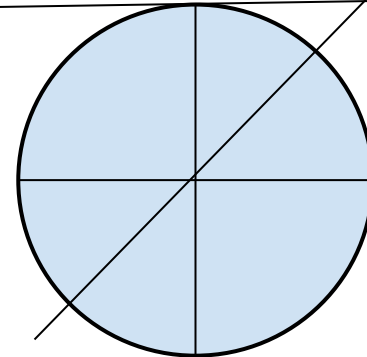
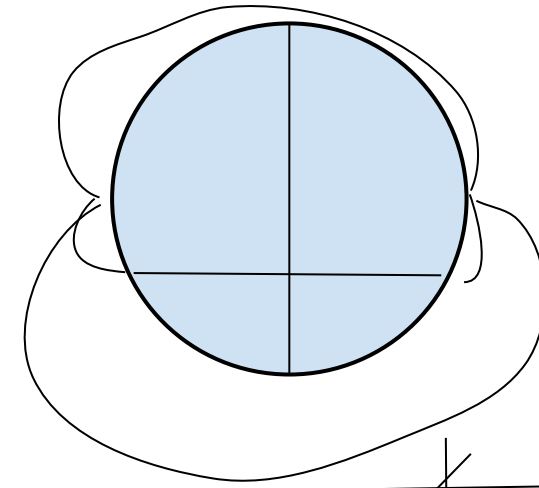
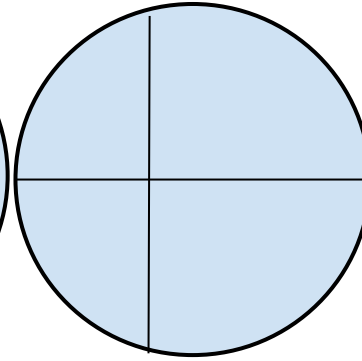
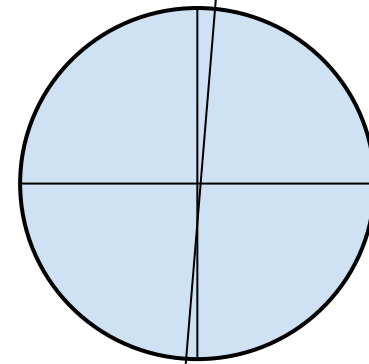
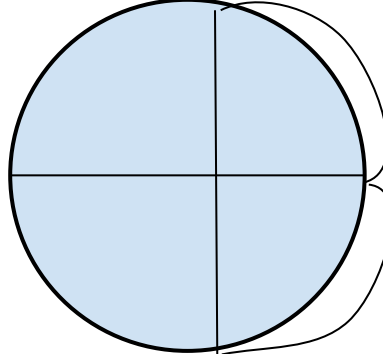
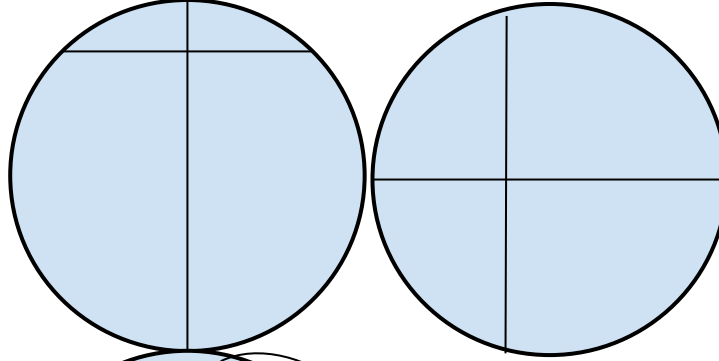
$\sin x = -1$
 $x = 3\pi/2 + 2\pi k$

$\sin x = -2/5$
 $x = \arcsin(-2/5) + 2\pi k$
 $x = \pi - \arcsin(-2/5) + 2\pi k$
 $x = -\pi + \arcsin(-2/5) + 2\pi k$
 $x = \pi + \arcsin(-2/5) + 2\pi k$

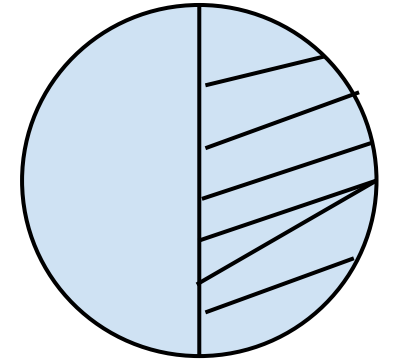
$\operatorname{tg} x = 100$
 $x = \operatorname{arctg}(100) + \pi k$

$\operatorname{ctg} x = -\sqrt{3}$
 $x = 5\pi/6 + \pi k$

$\operatorname{ctg} x = 1$
 $x = \pi/4 + \pi k$



$\arcsin(x)$



$\arccos(x)$

