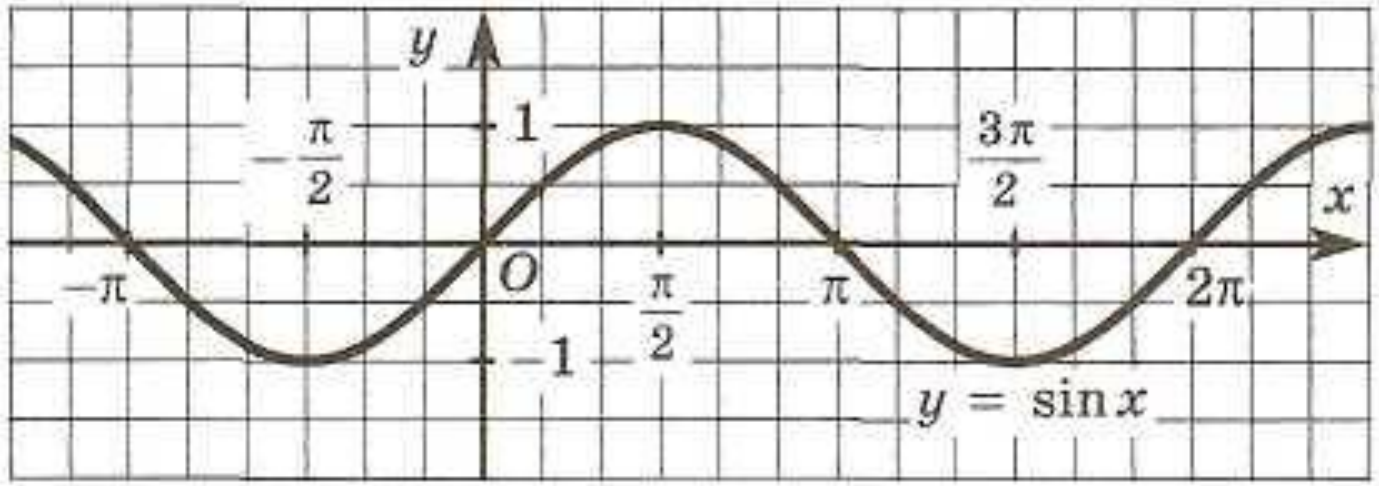
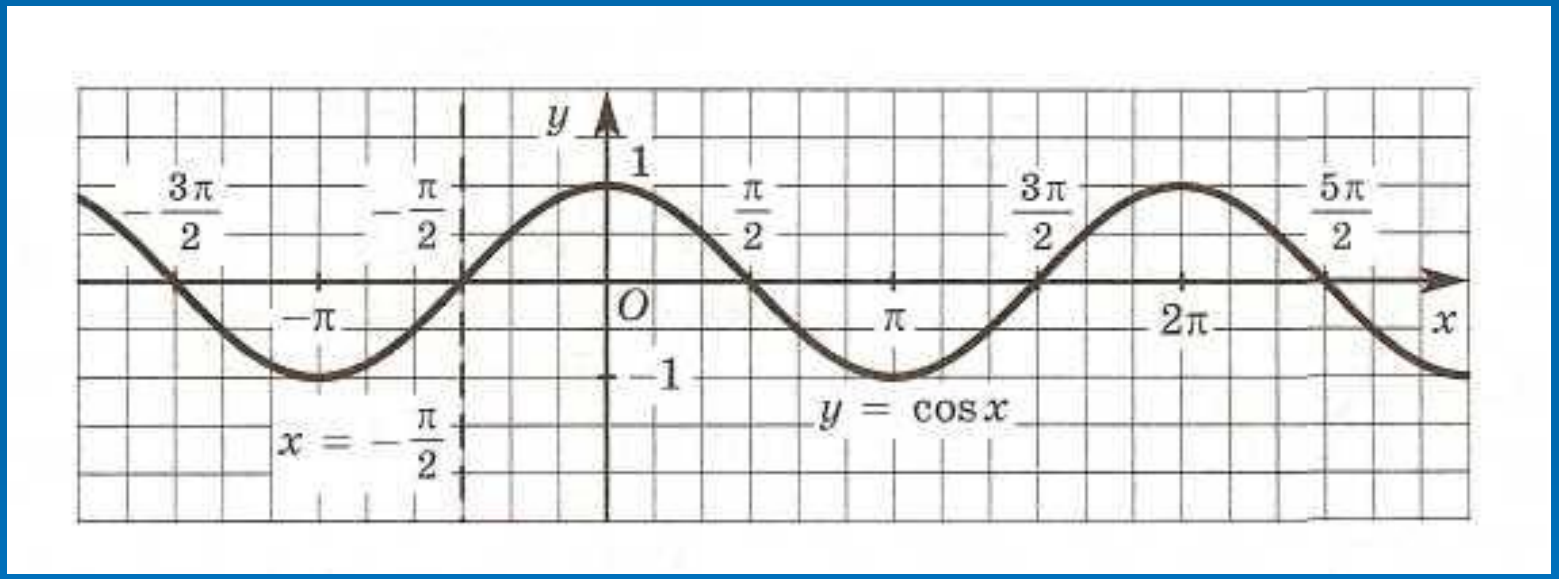
Тригонометрические функции

Функция y = sinx

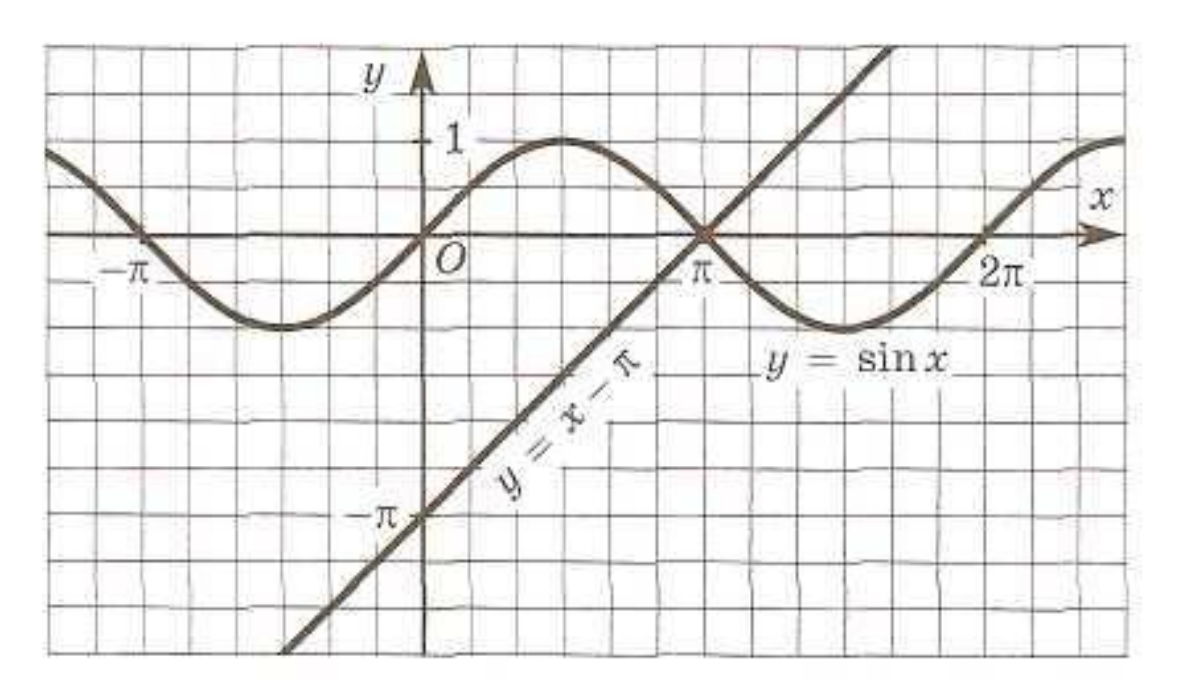


Функция y = cosx



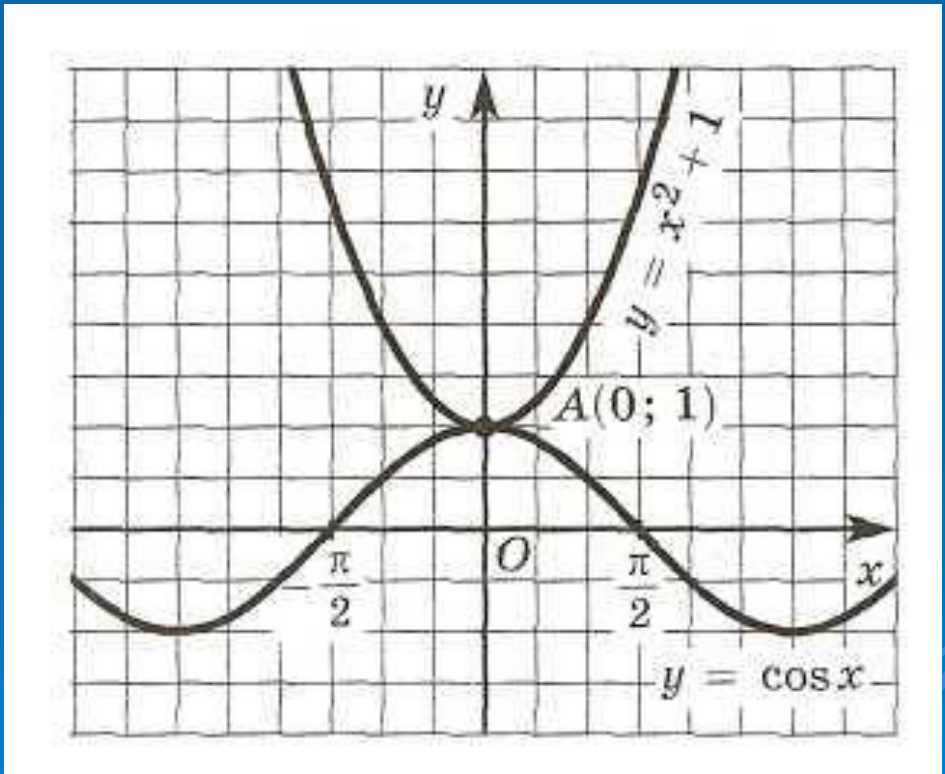
Решить уравнение

$$\sin x = x - \pi$$



Решить уравнение

$$\cos x = x^2 + 1$$



Построение графика функции $y = \mathrm{tg}x$ на $\left[0; \frac{\pi}{2}\right)$

x	0	$\frac{\pi}{6}$	$\frac{\pi}{4}$	$\frac{\pi}{3}$
$\mathrm{tg}\,x$	0	$\frac{\sqrt{3}}{3}$	1	$\sqrt{3}$

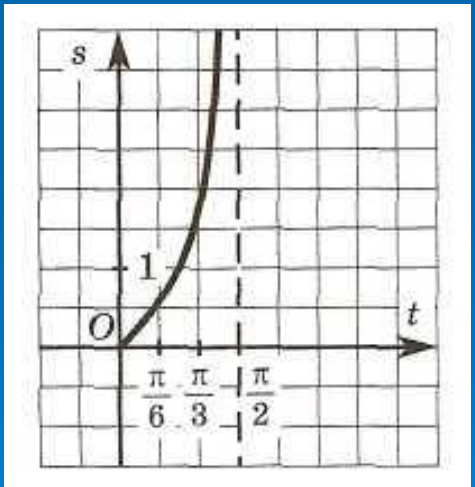
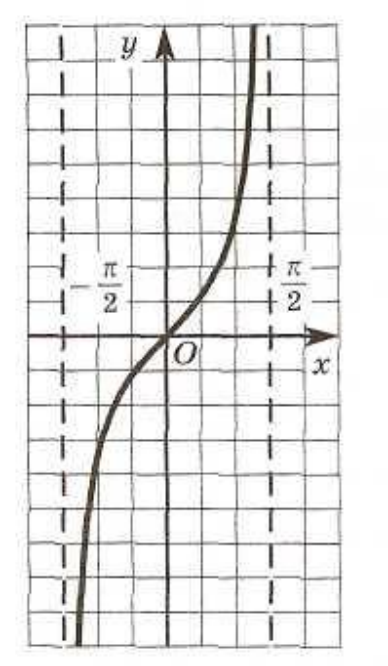
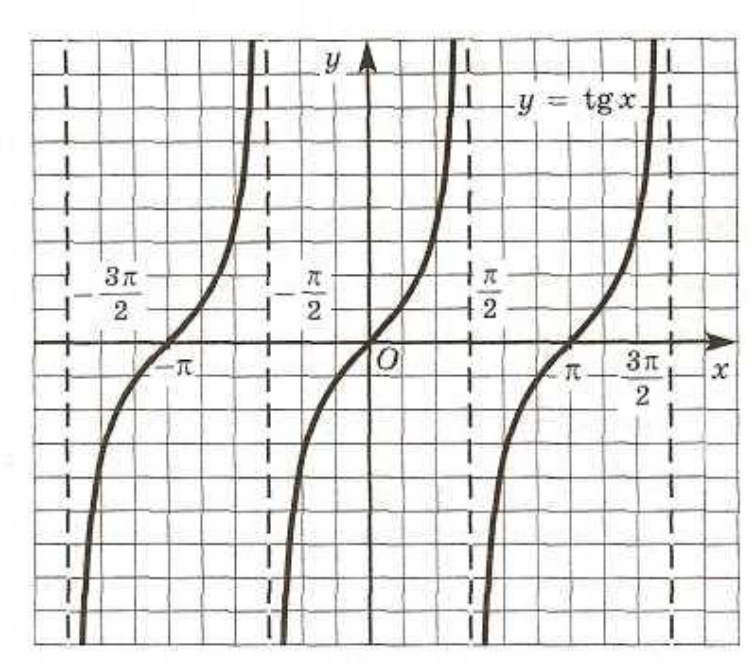
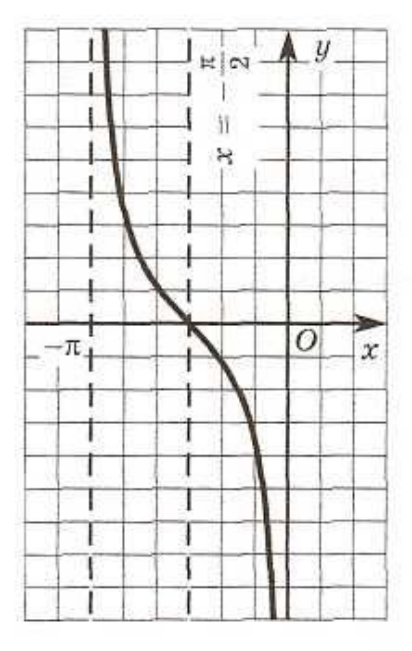
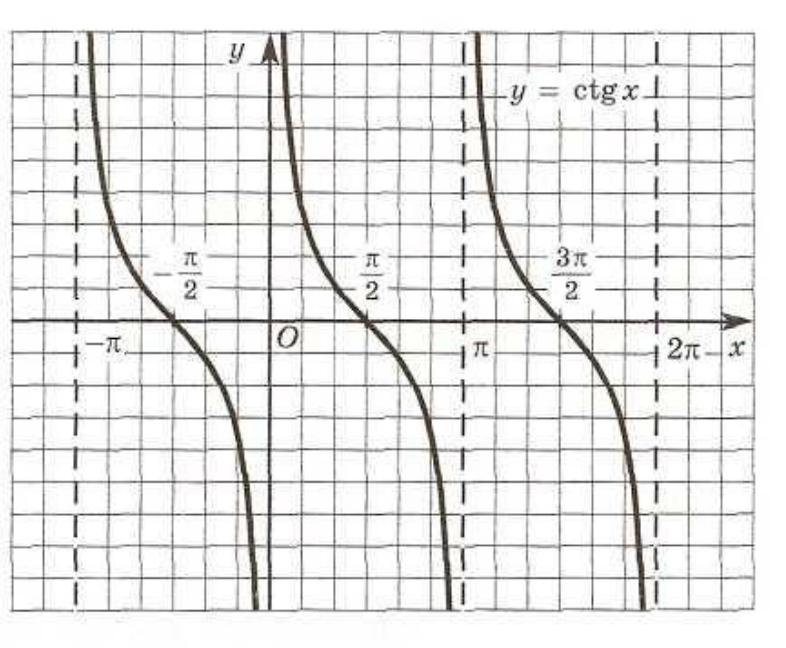


График функции y = tgx





Построение графика y = ctgx

$$ctgx = -tg(x + \frac{\pi}{2})$$