

16.11.2011

# Преобразование графиков тригонометрических функций

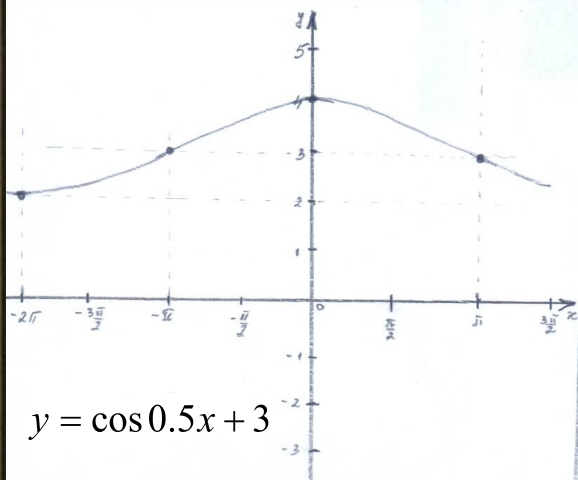


Подобно тому, как все  
искусства тяготеют к музыке,  
все науки стремятся к  
математике.

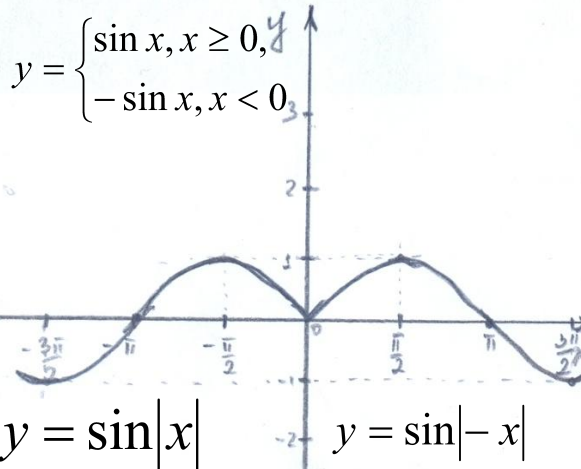
Джордж Сантаяна



# Лото

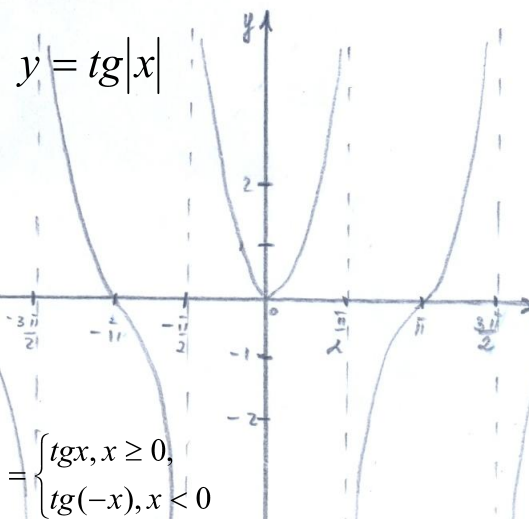


$$y = \cos 0.5x + 3$$



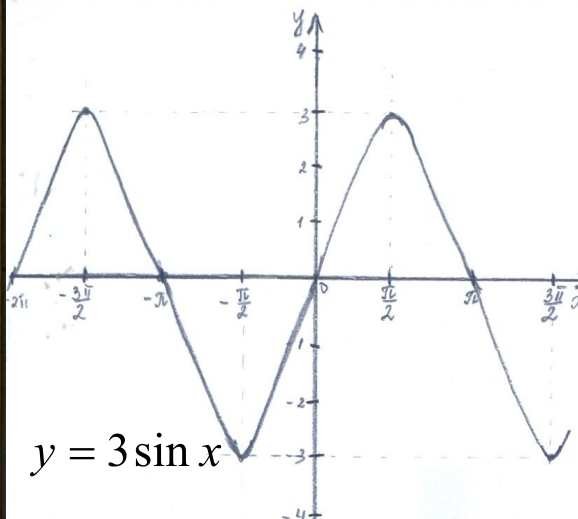
$$y = \sin|x|$$

$$y = \sin|-x|$$



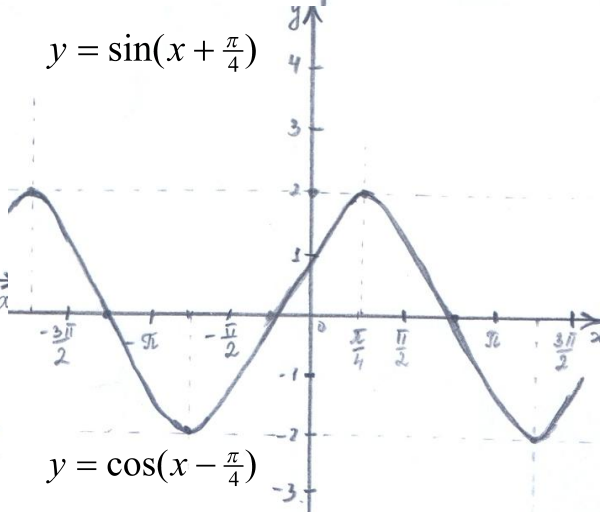
$$y = \operatorname{tg}|x|$$

$$y = \begin{cases} \operatorname{tg}x, & x \geq 0, \\ \operatorname{tg}(-x), & x < 0 \end{cases}$$



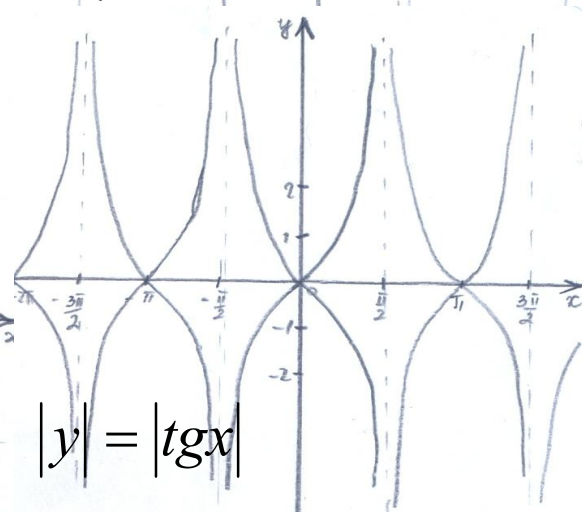
$$y = 3 \sin x$$

$$y = \sin(x + \frac{\pi}{4})$$



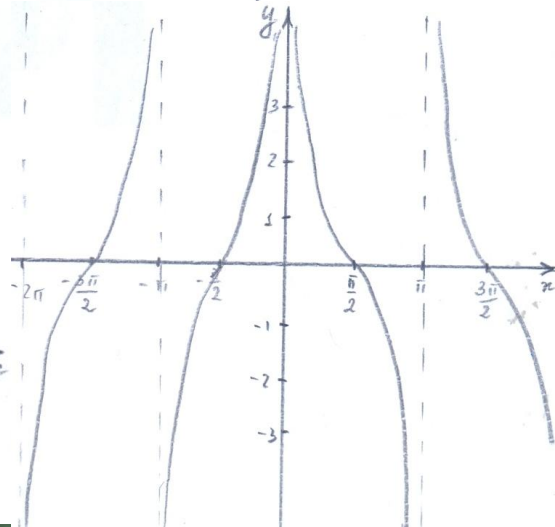
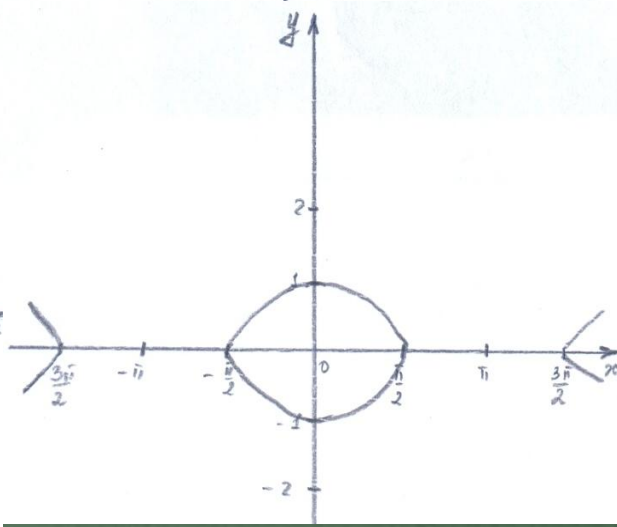
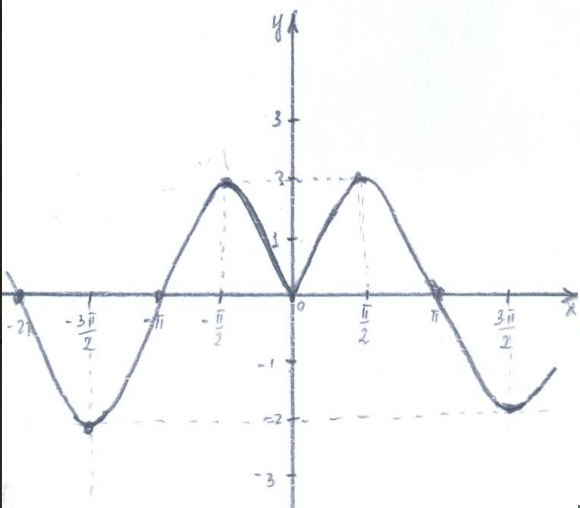
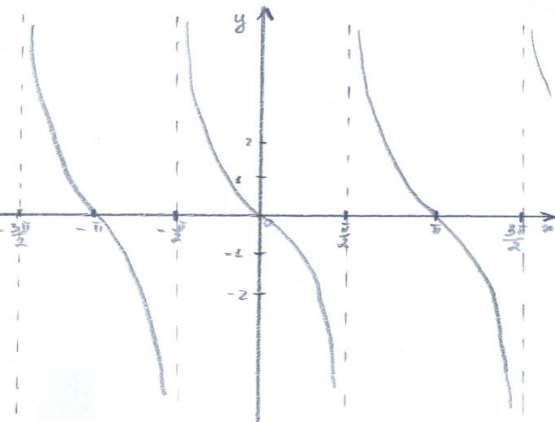
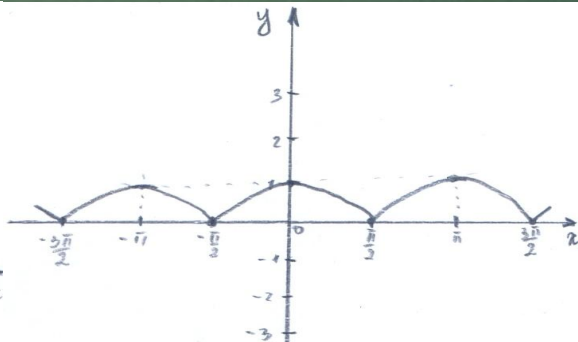
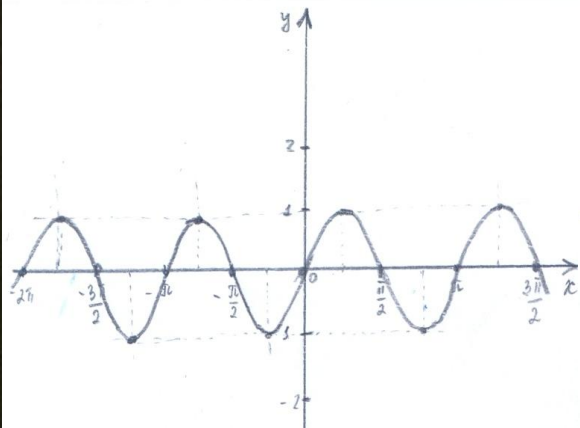
$$y = \cos(x - \frac{\pi}{4})$$

$$|y| = |\operatorname{tg}x|$$





# Лото





<http://www.nording.pp.ru/>

Sheet

