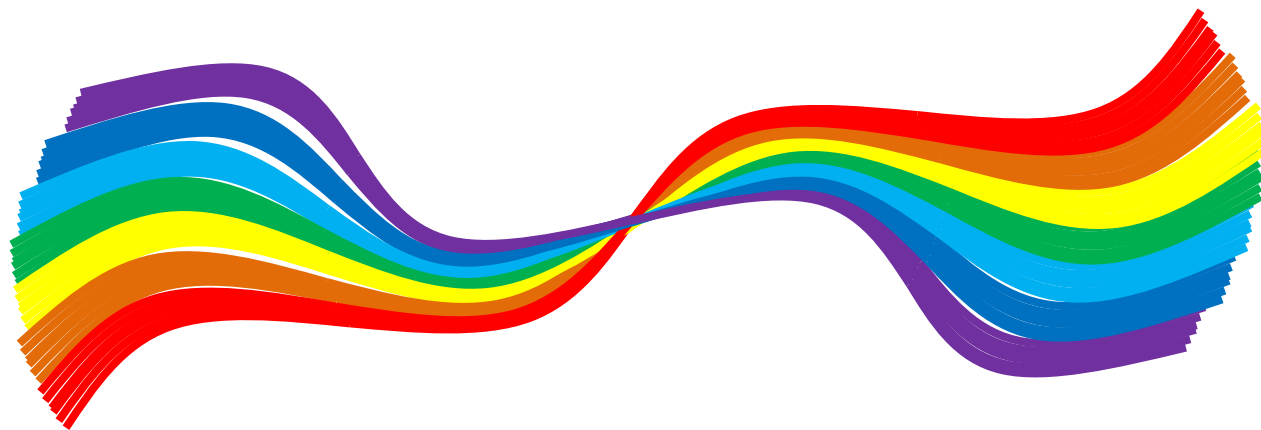
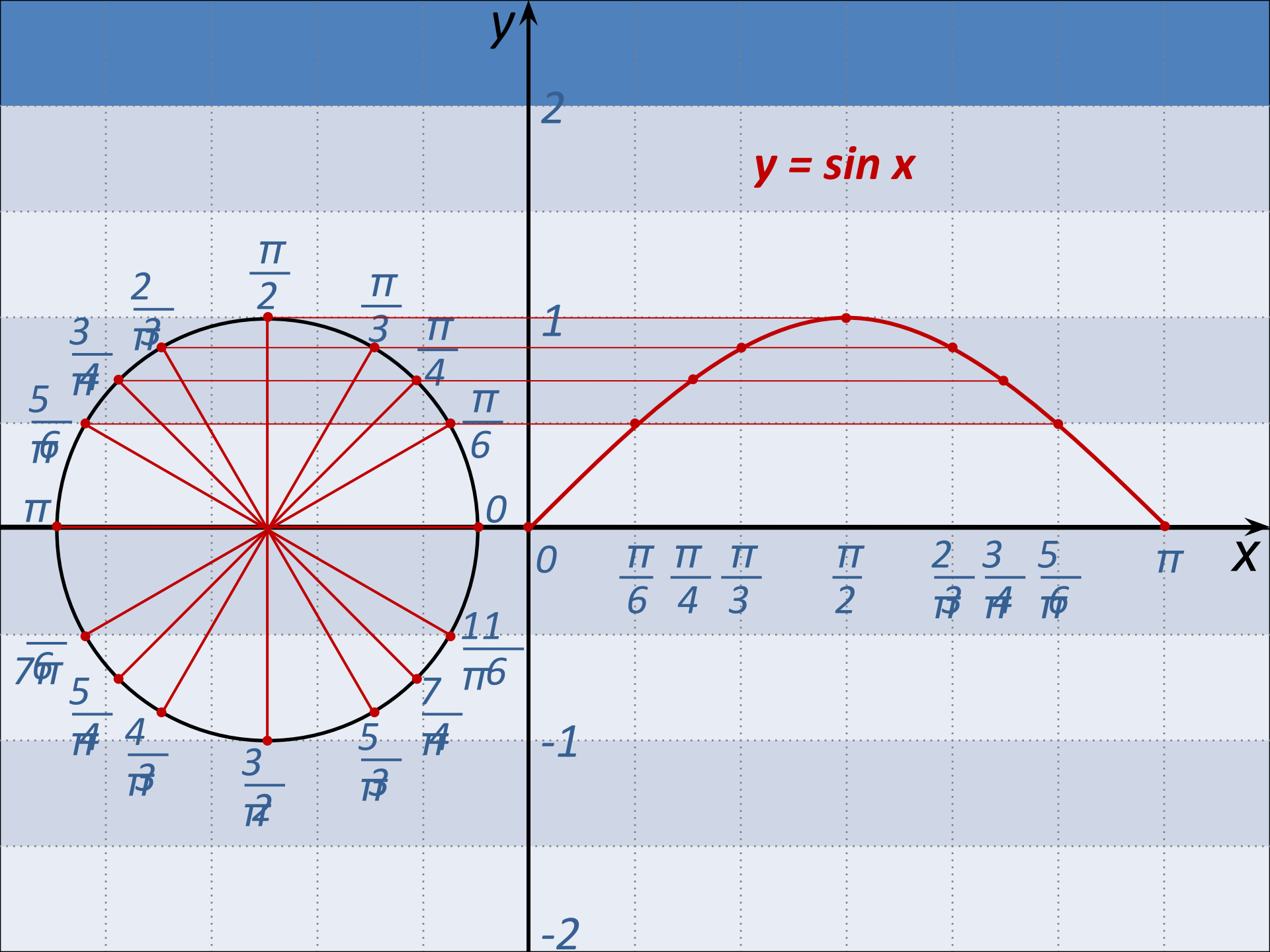
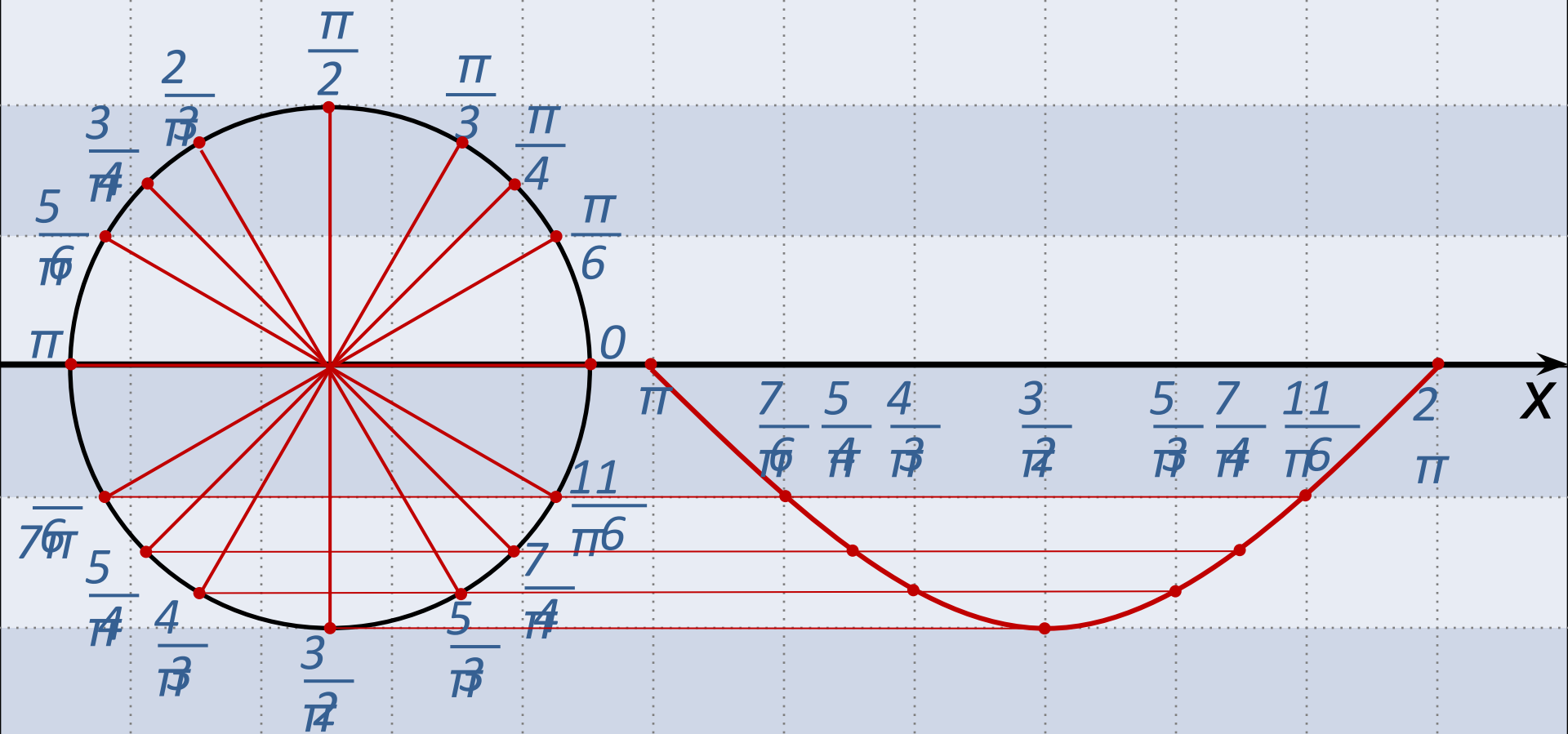


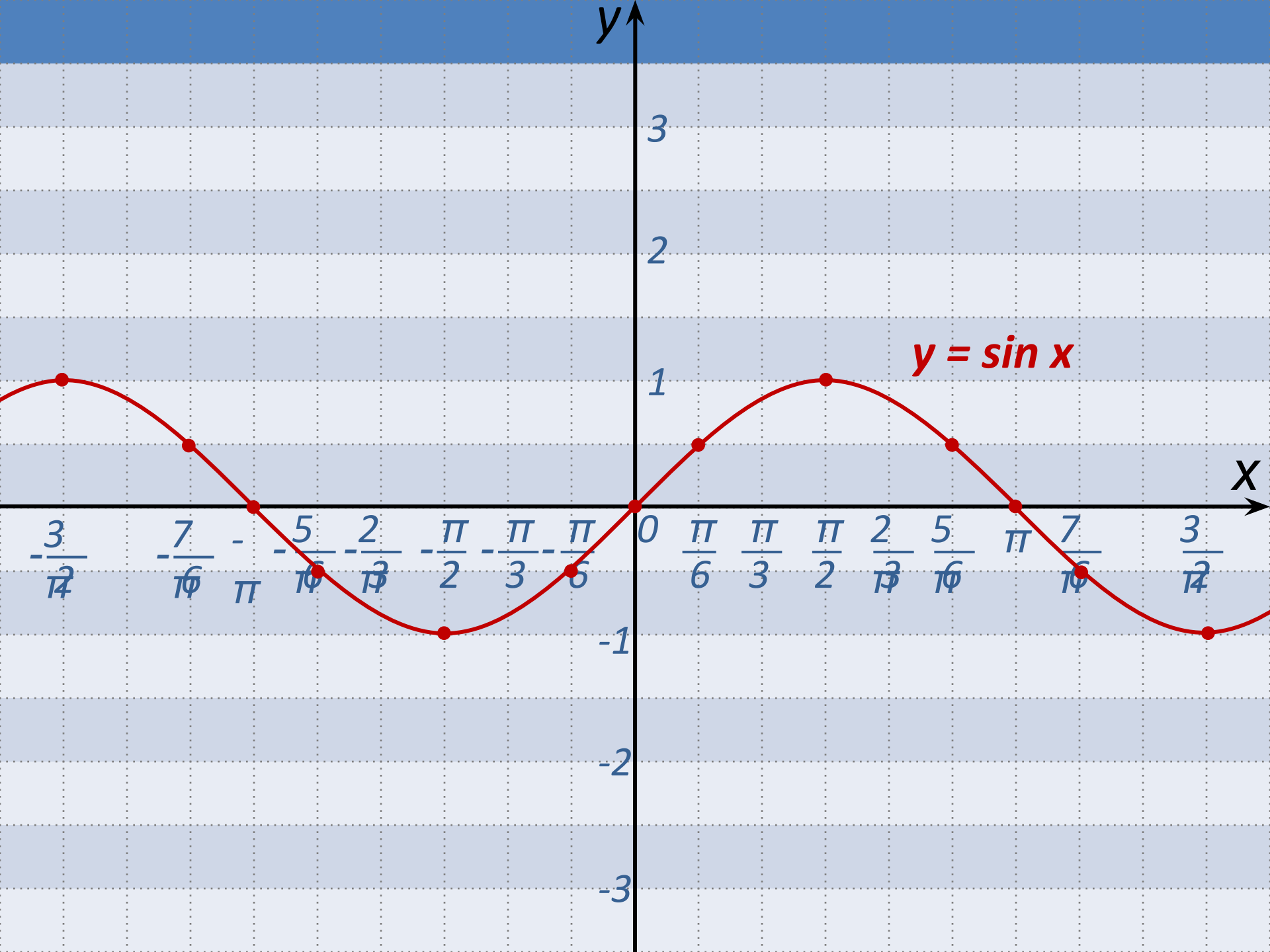
# Побудова графіків тригонометричних функцій

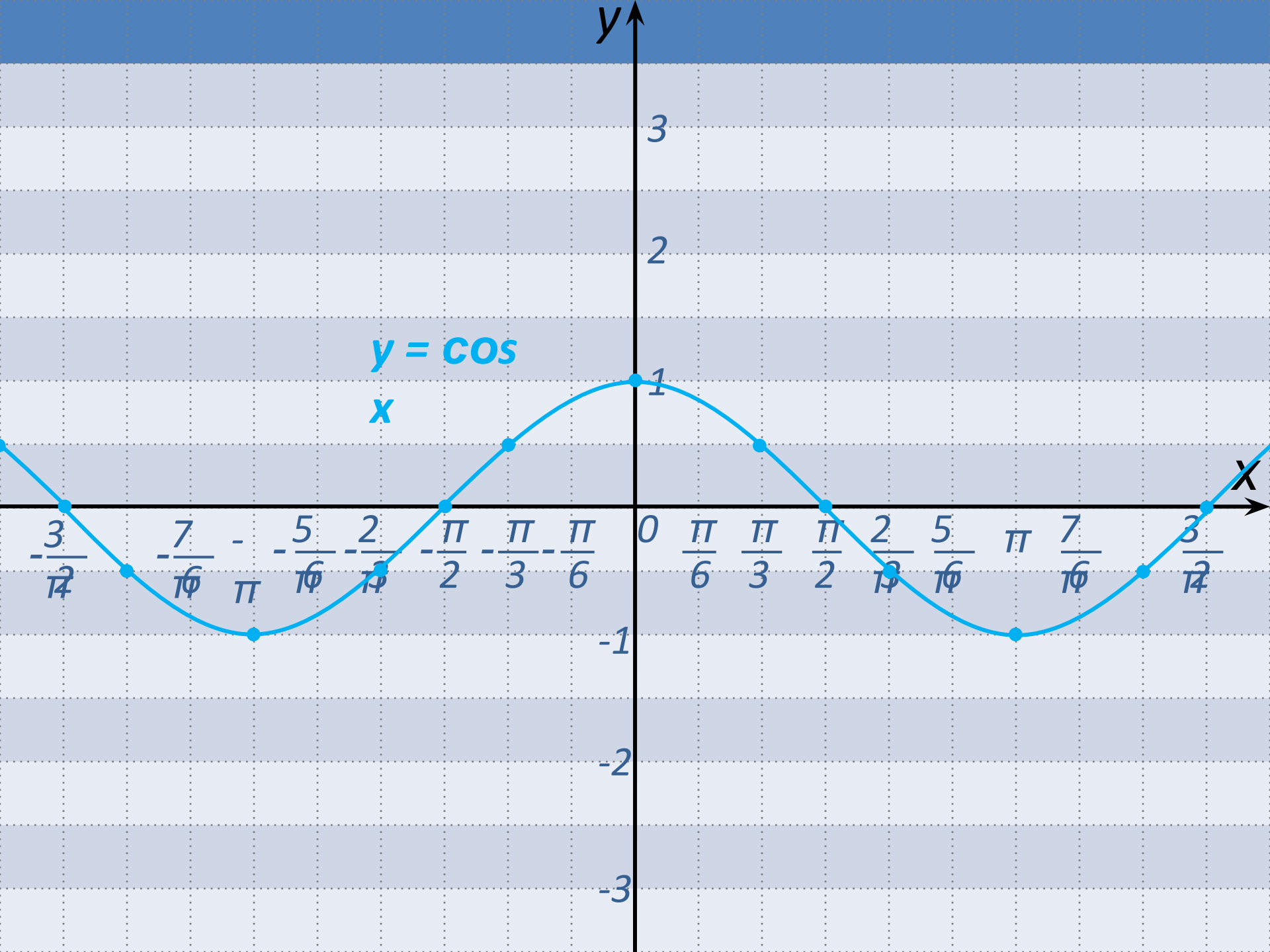


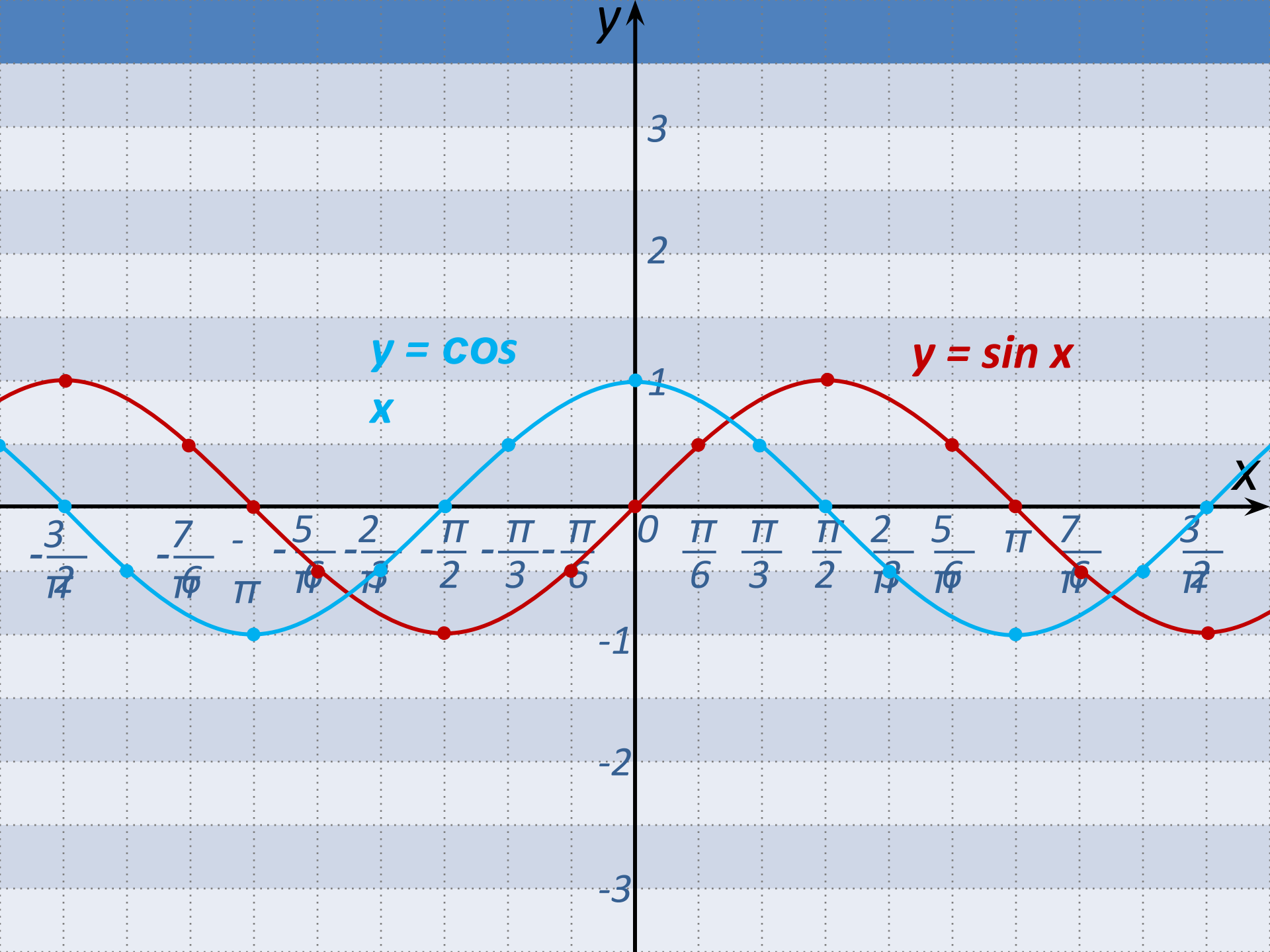


$$y = \sin x$$



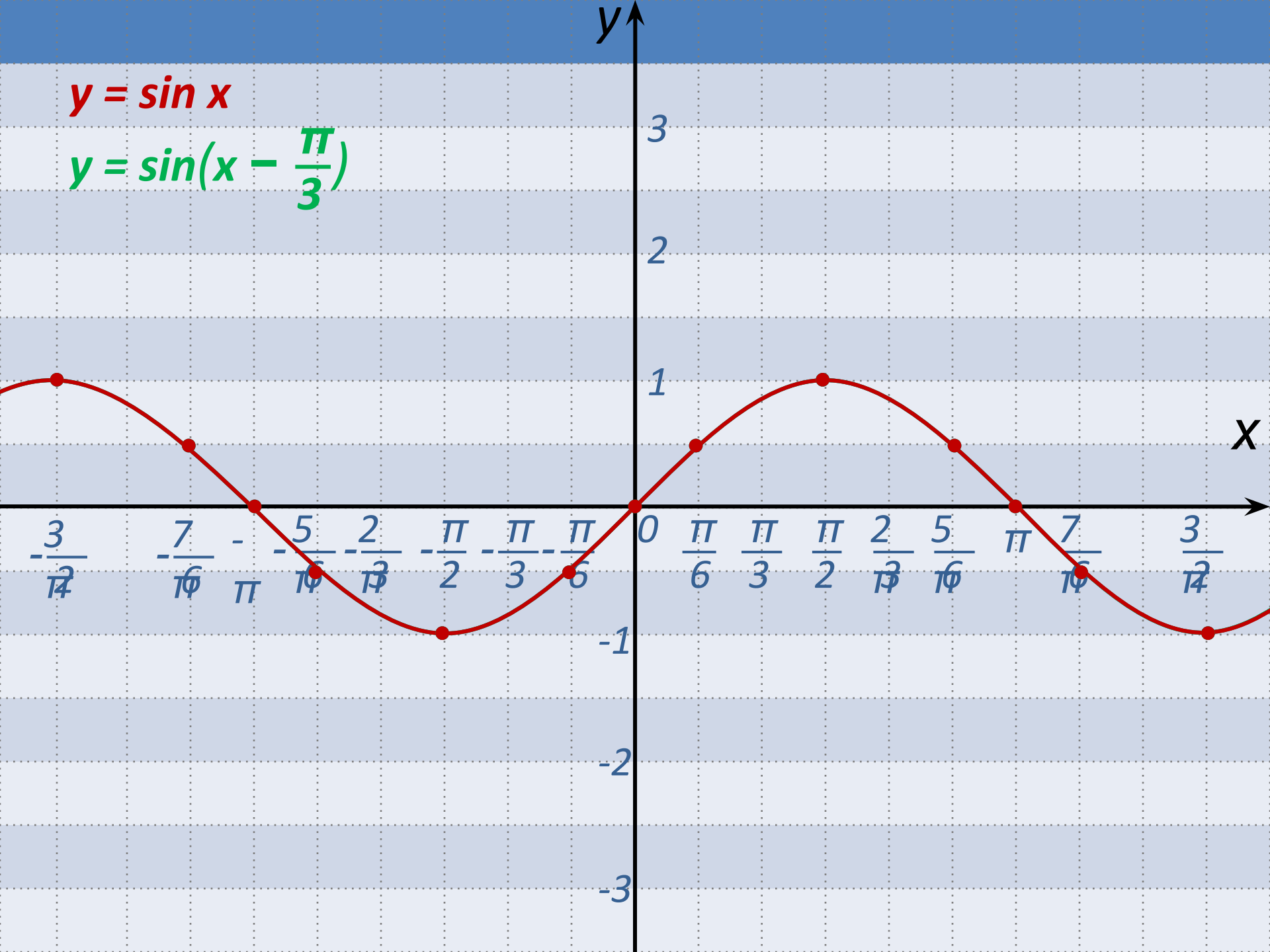






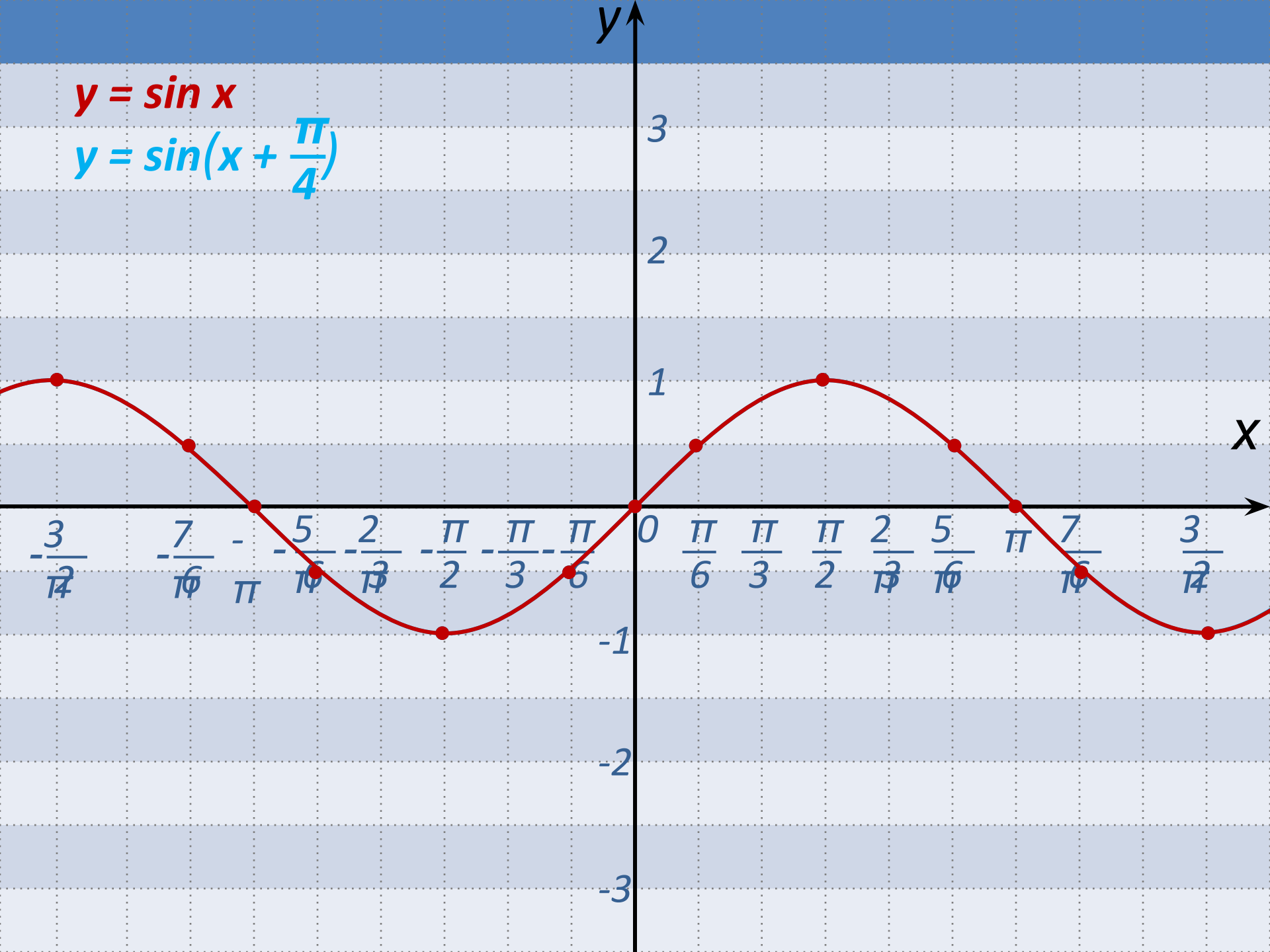
$$y = \sin x$$

$$y = \sin\left(x - \frac{\pi}{3}\right)$$



$$y = \sin x$$

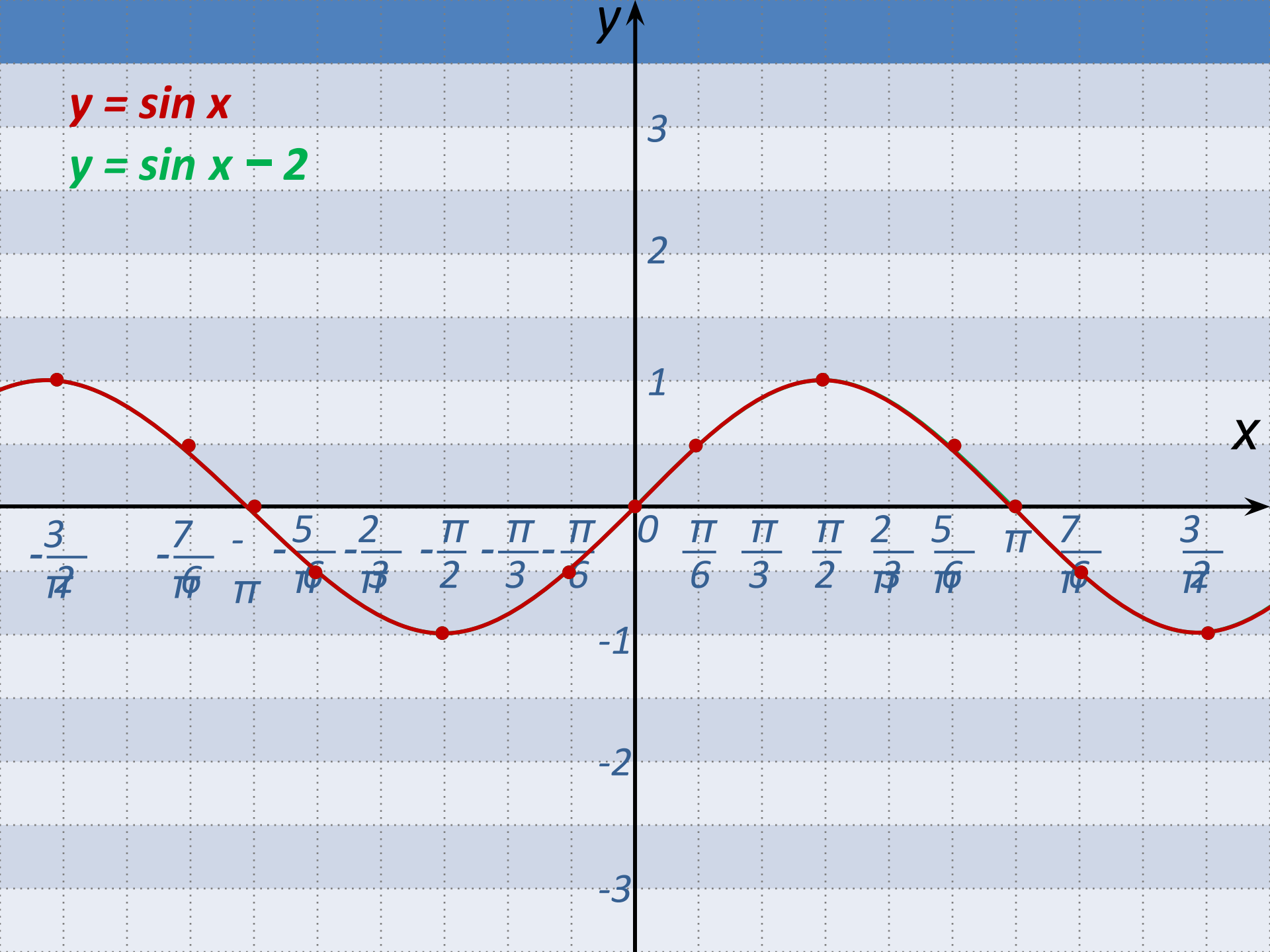
$$y = \sin\left(x + \frac{\pi}{4}\right)$$





$$y = \sin x$$

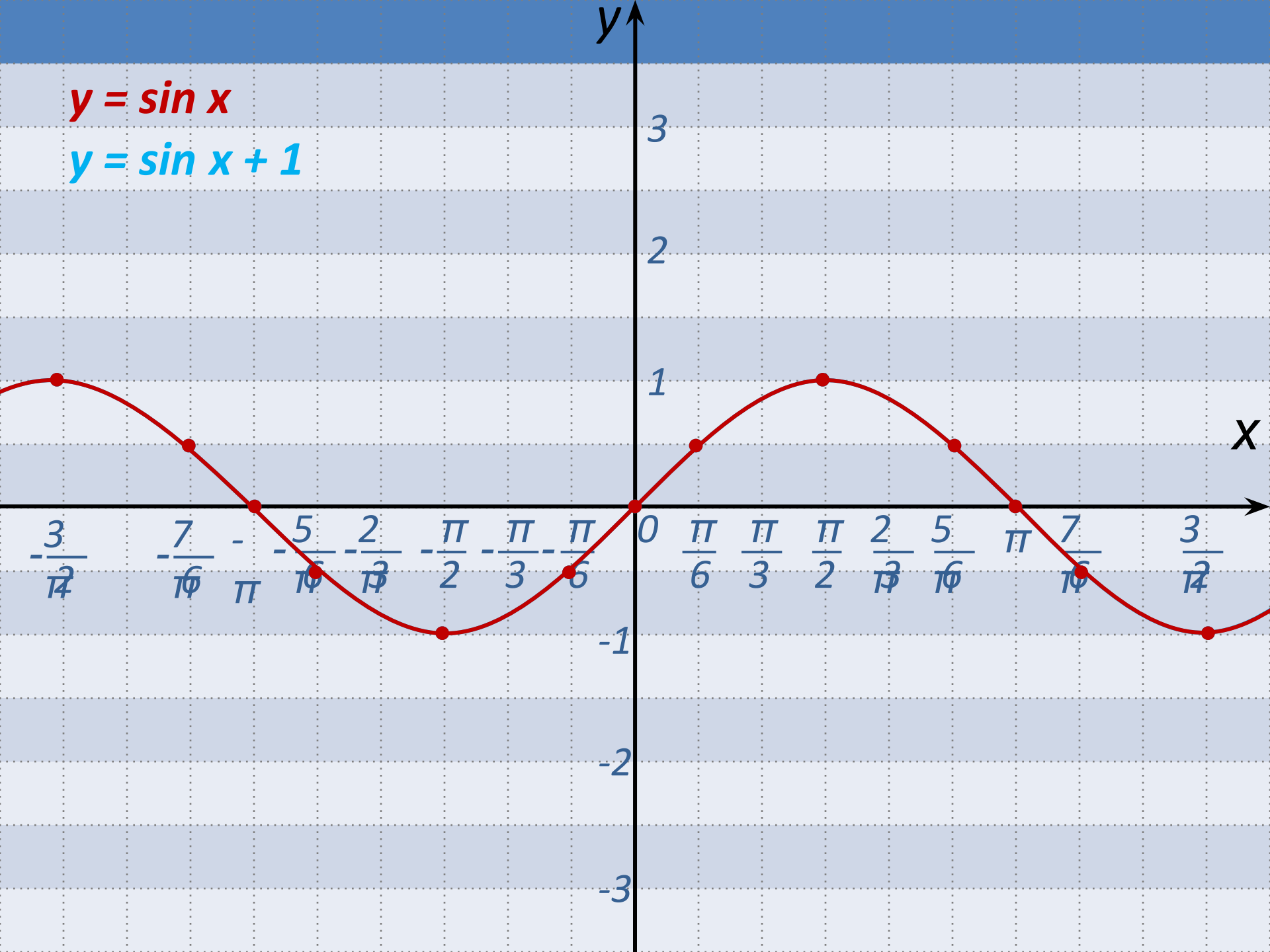
$$y = \sin x - 2$$

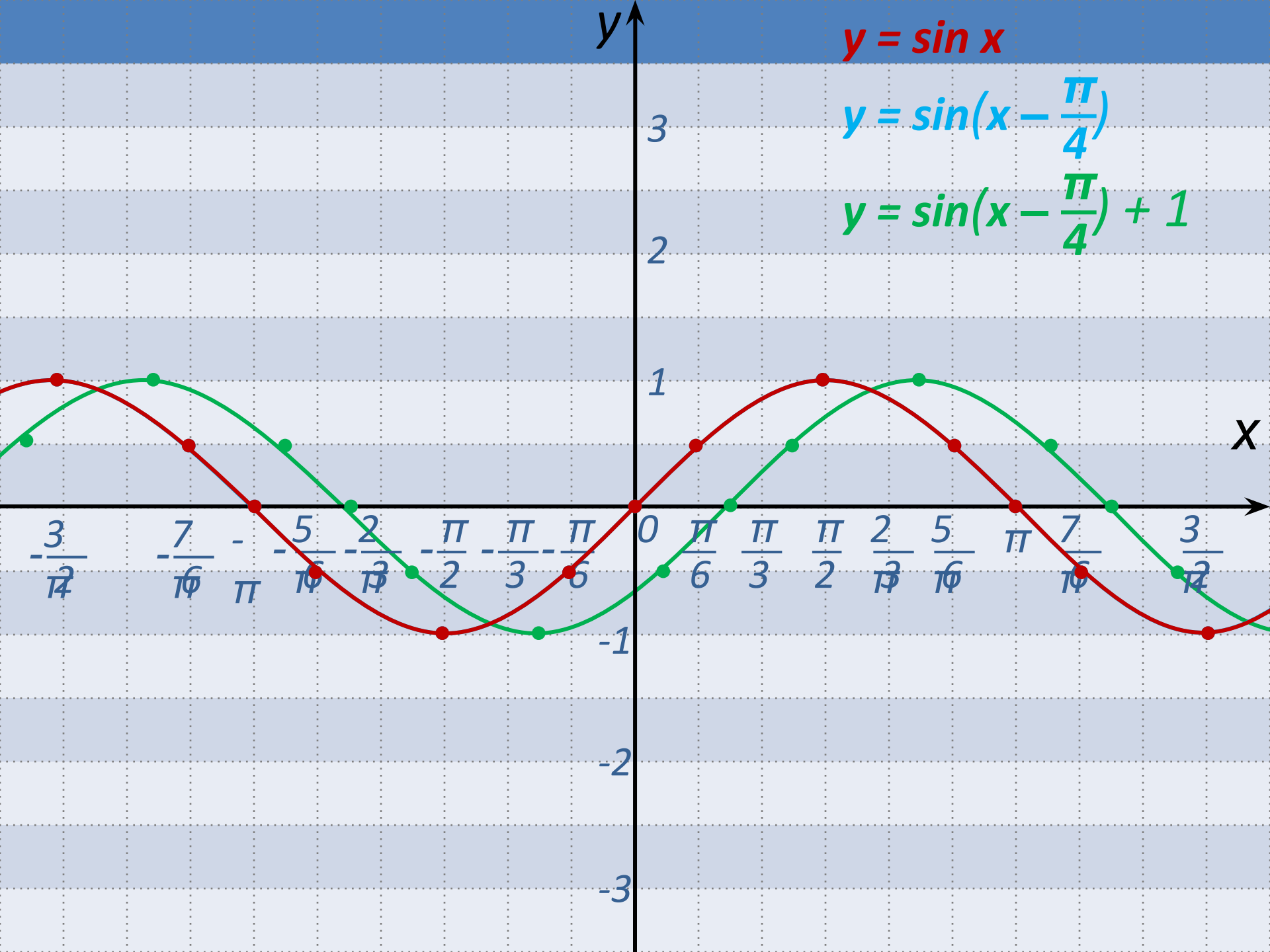


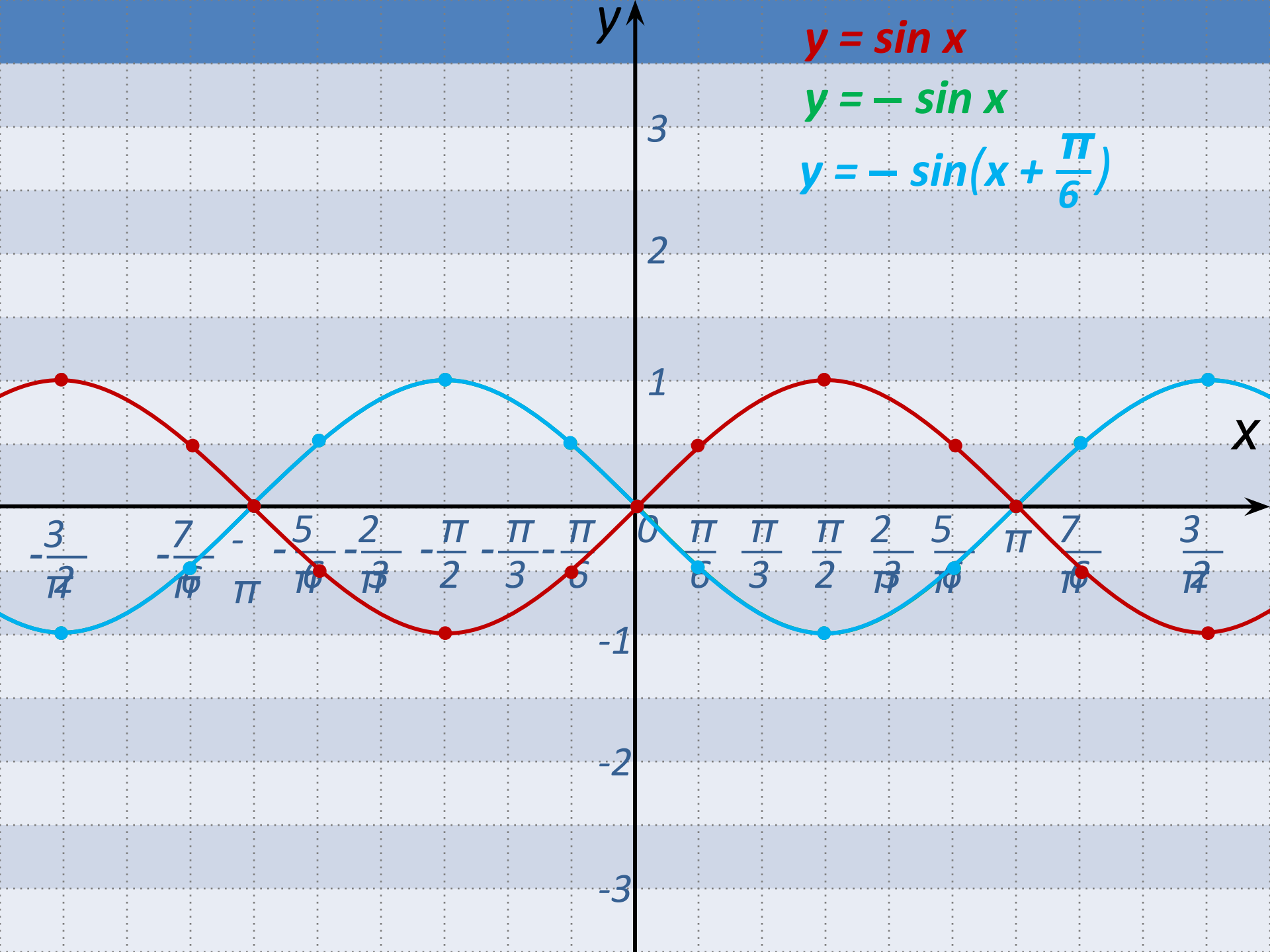
y

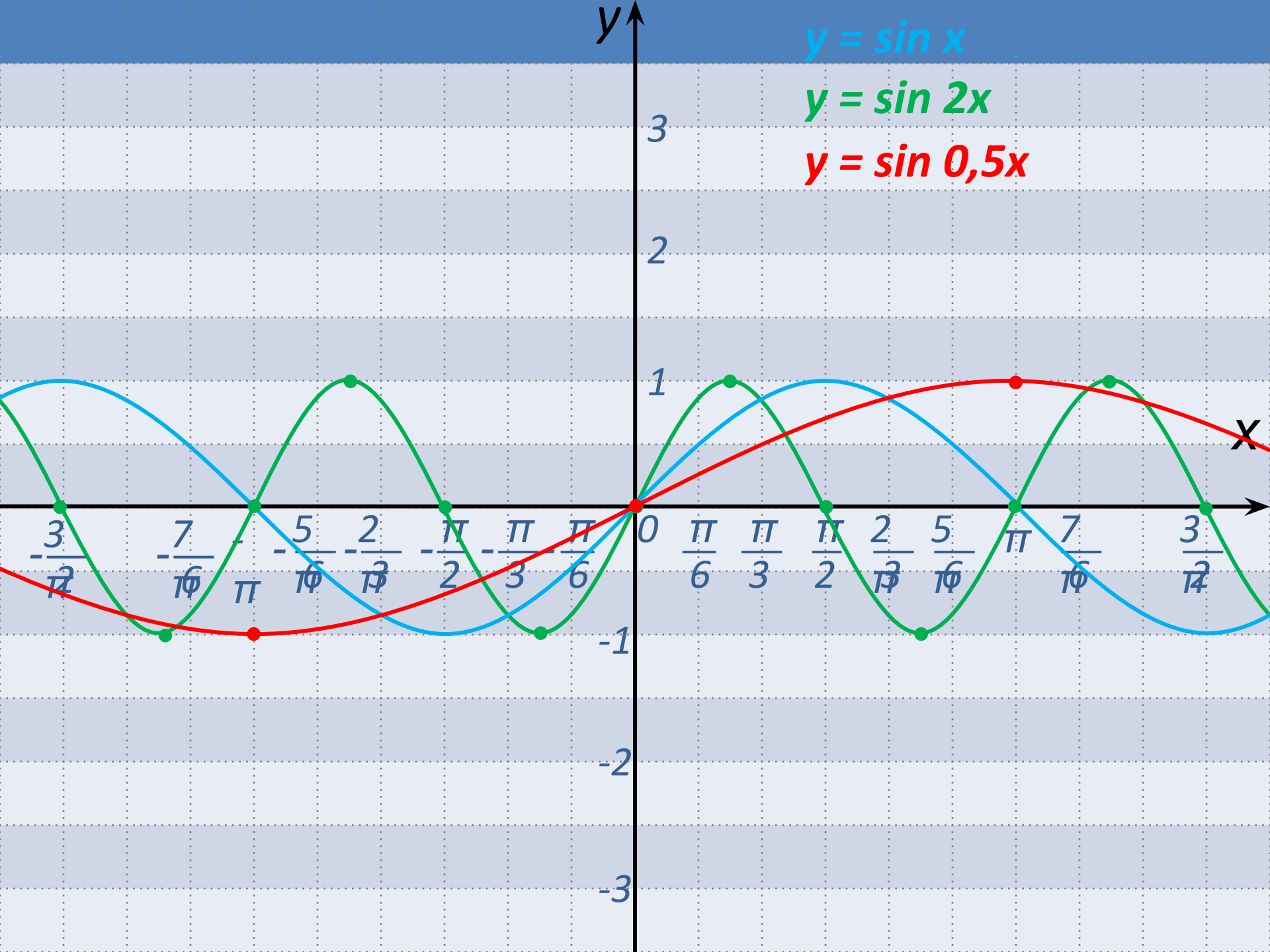
$y = \sin x$

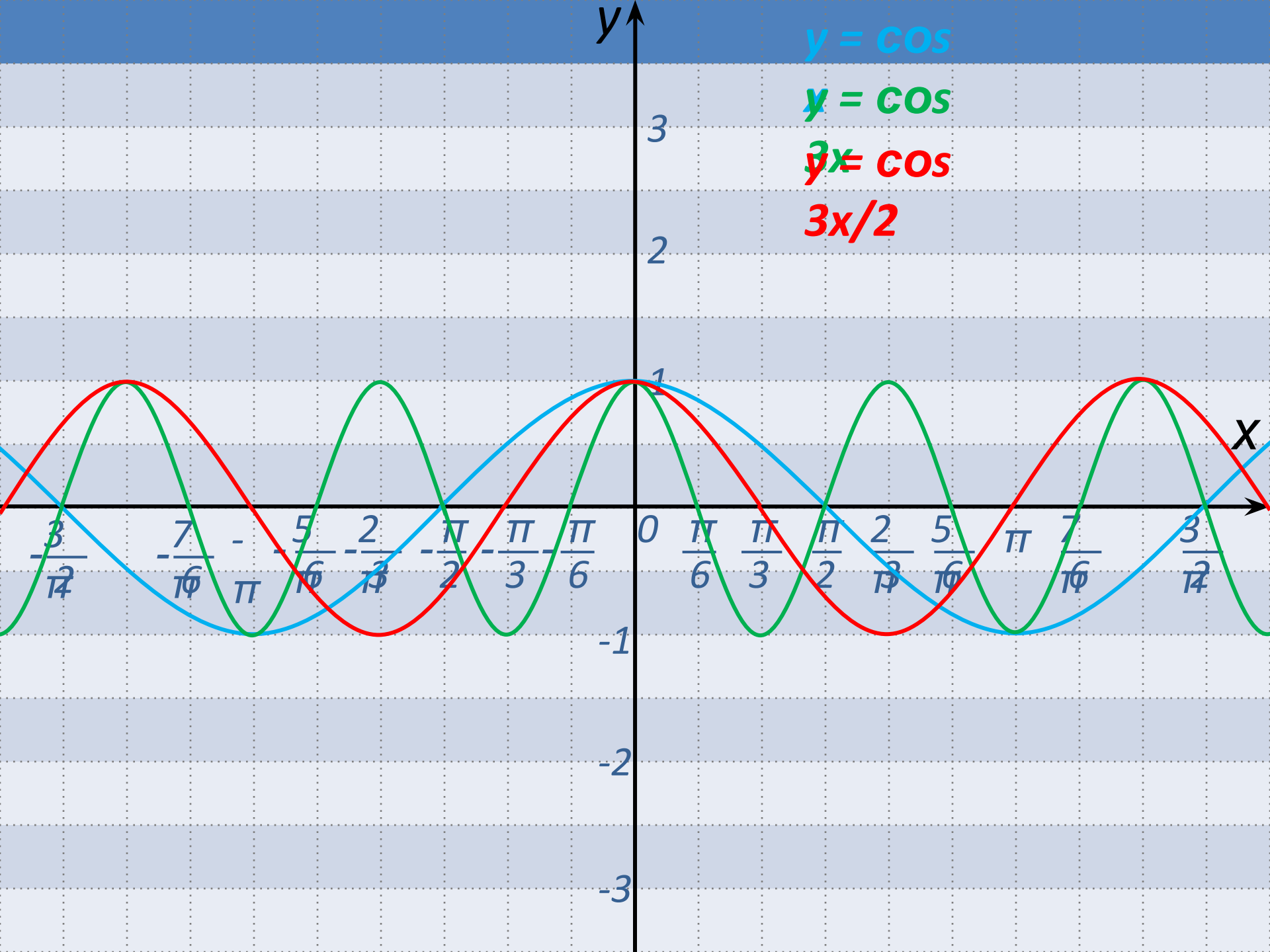
$y = \sin x + 1$

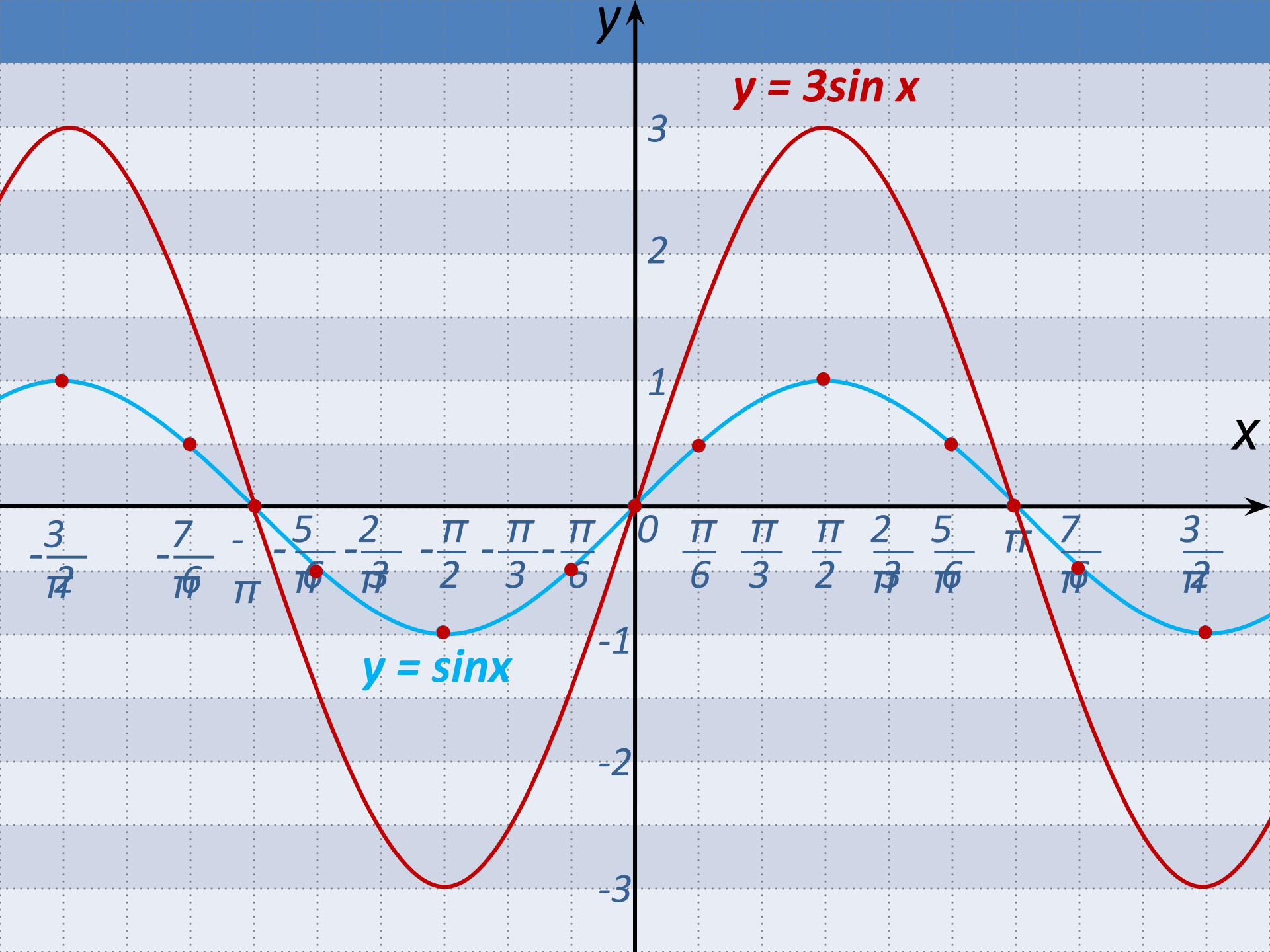


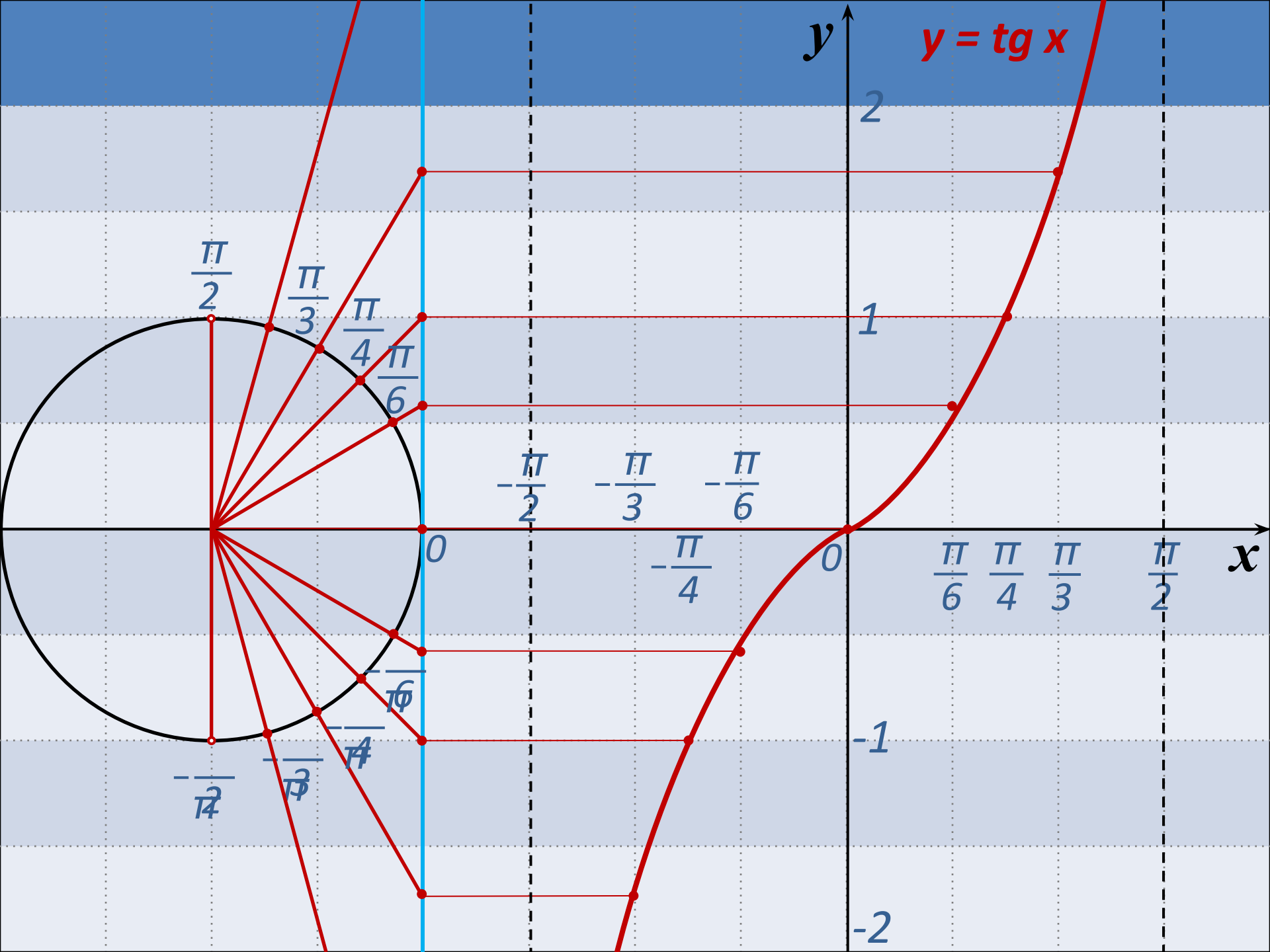




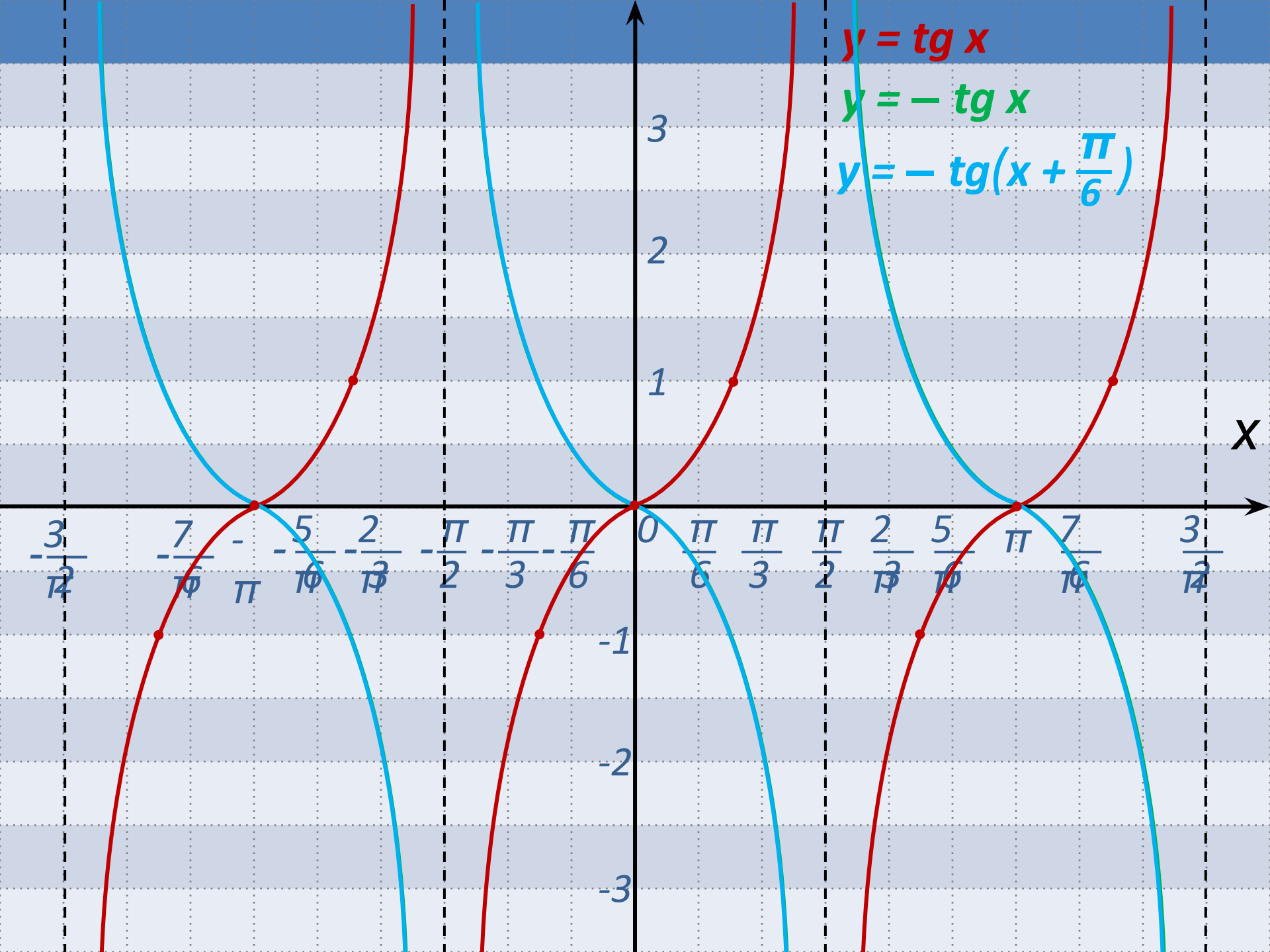


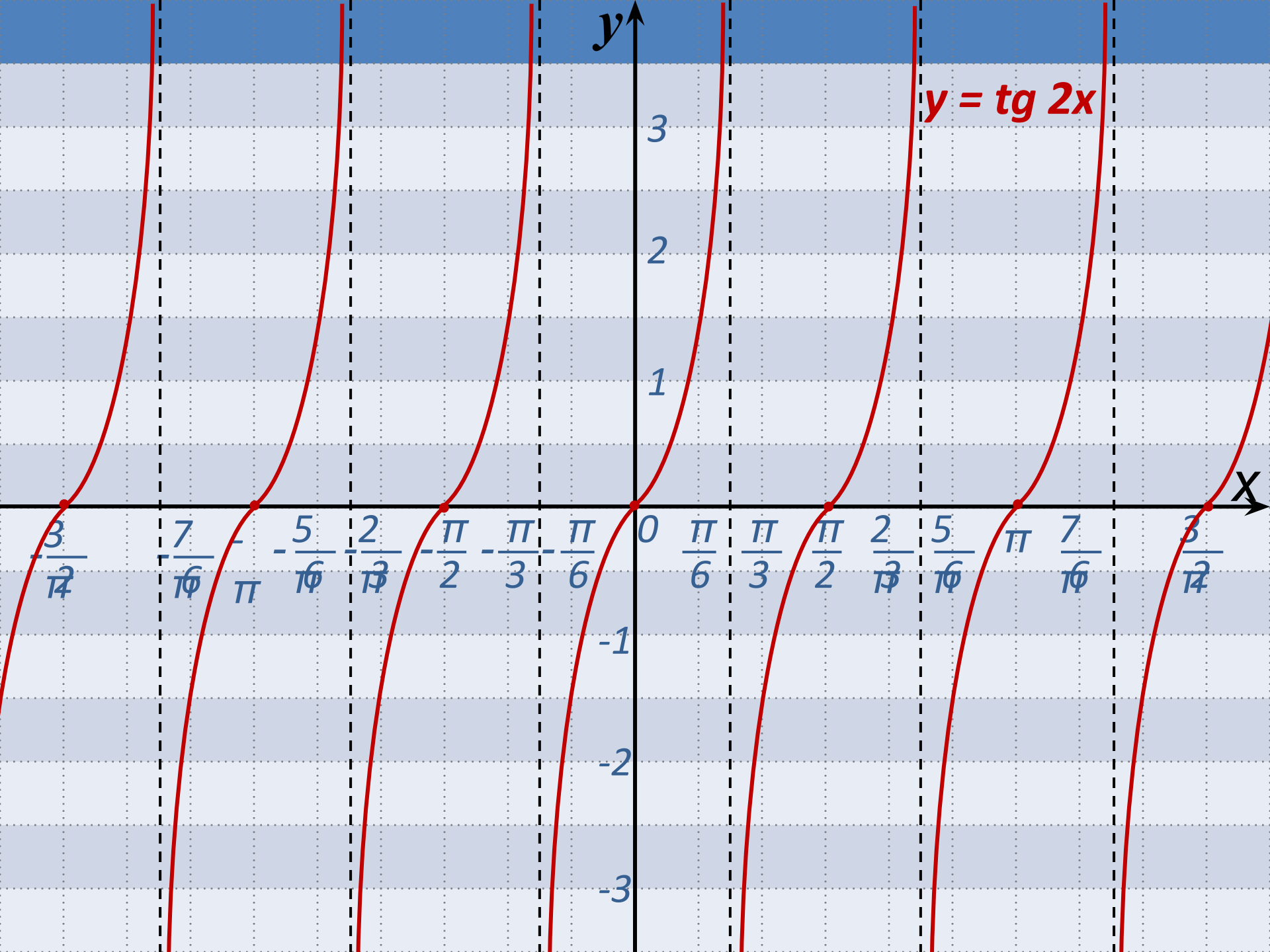


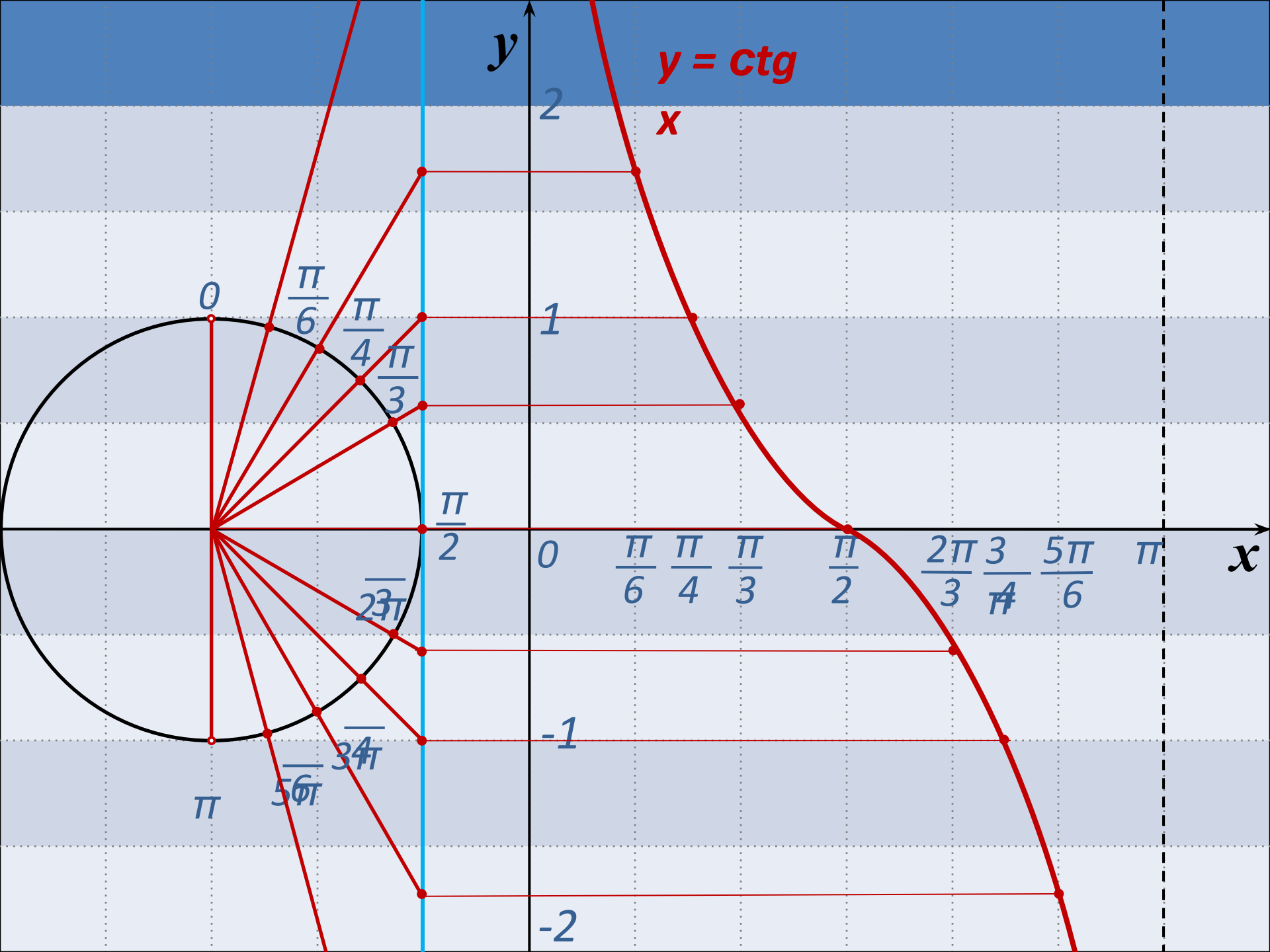


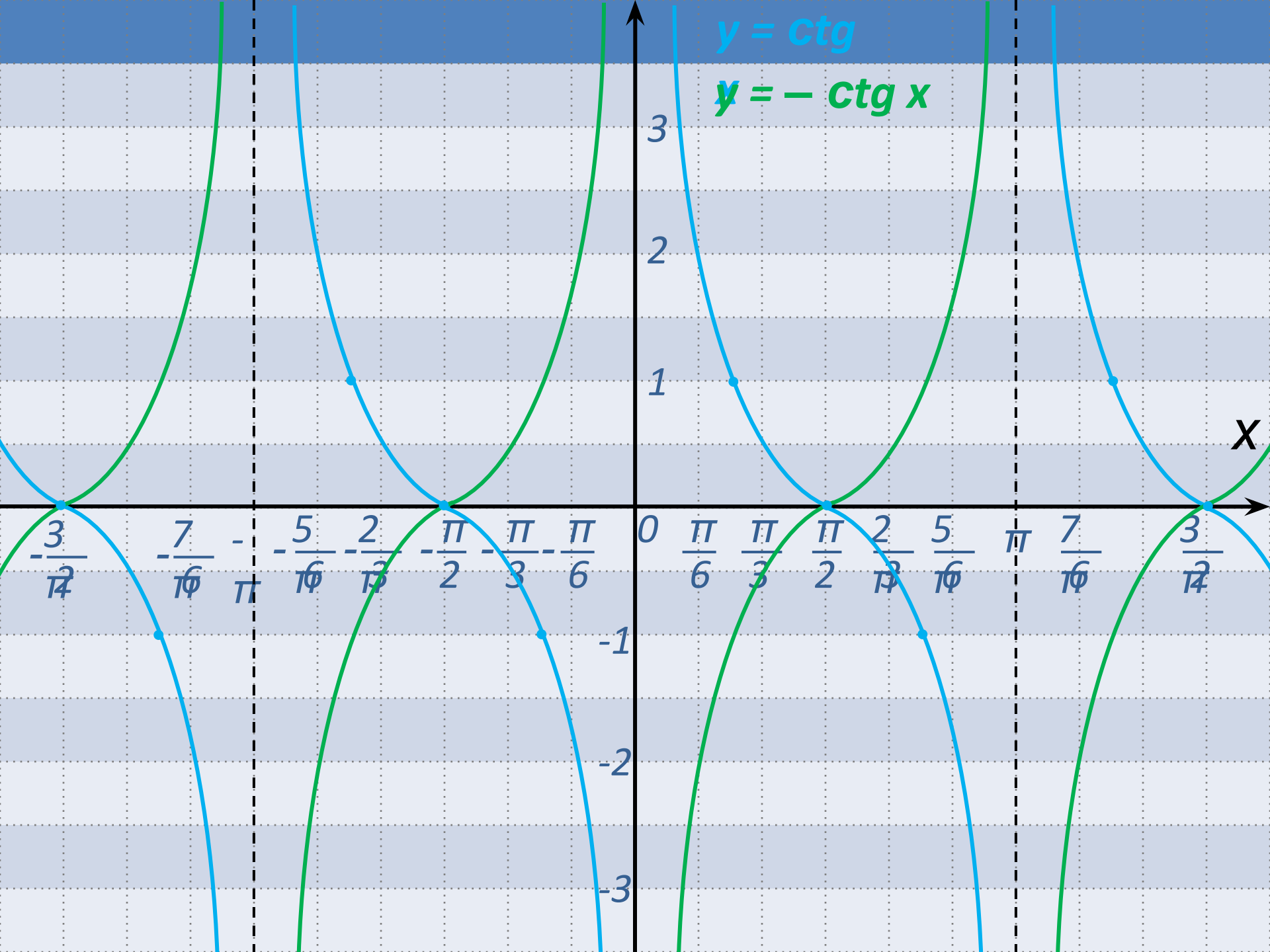












$$y = \text{ctg } x$$

$$y = -\text{ctg } x$$

