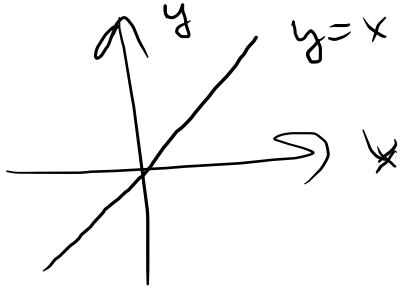
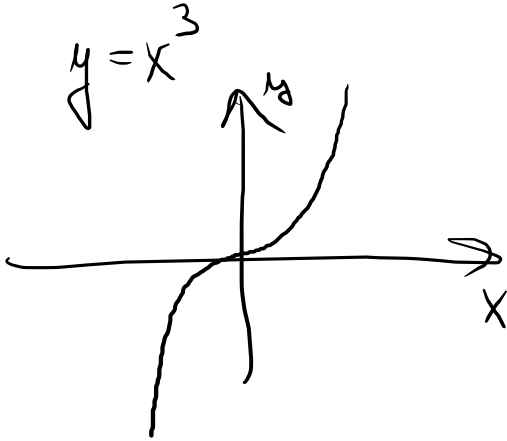
$y = x$



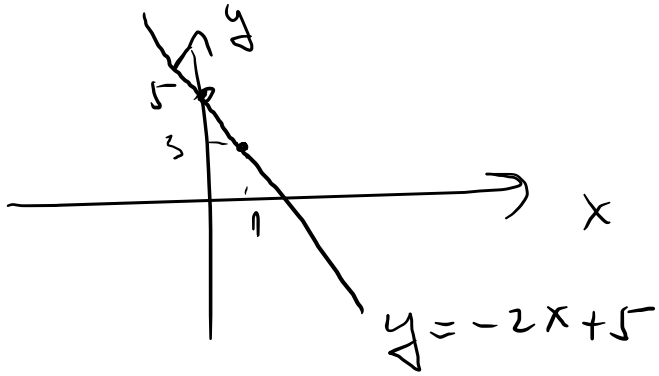
$y = x^3$



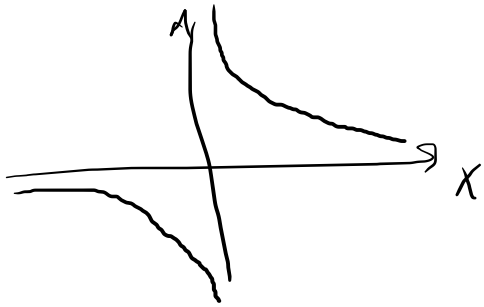
$y = -2x + 5$

$x = 0 \quad y = 5$

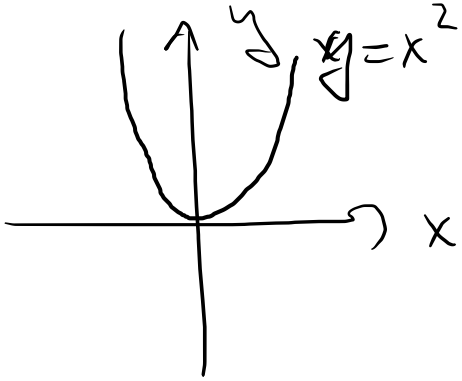
$x = 1 \quad y = 3$

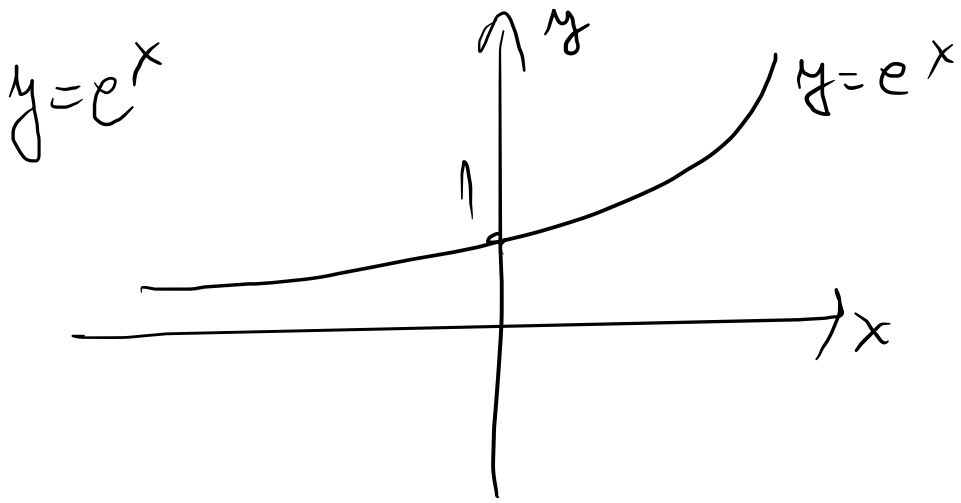


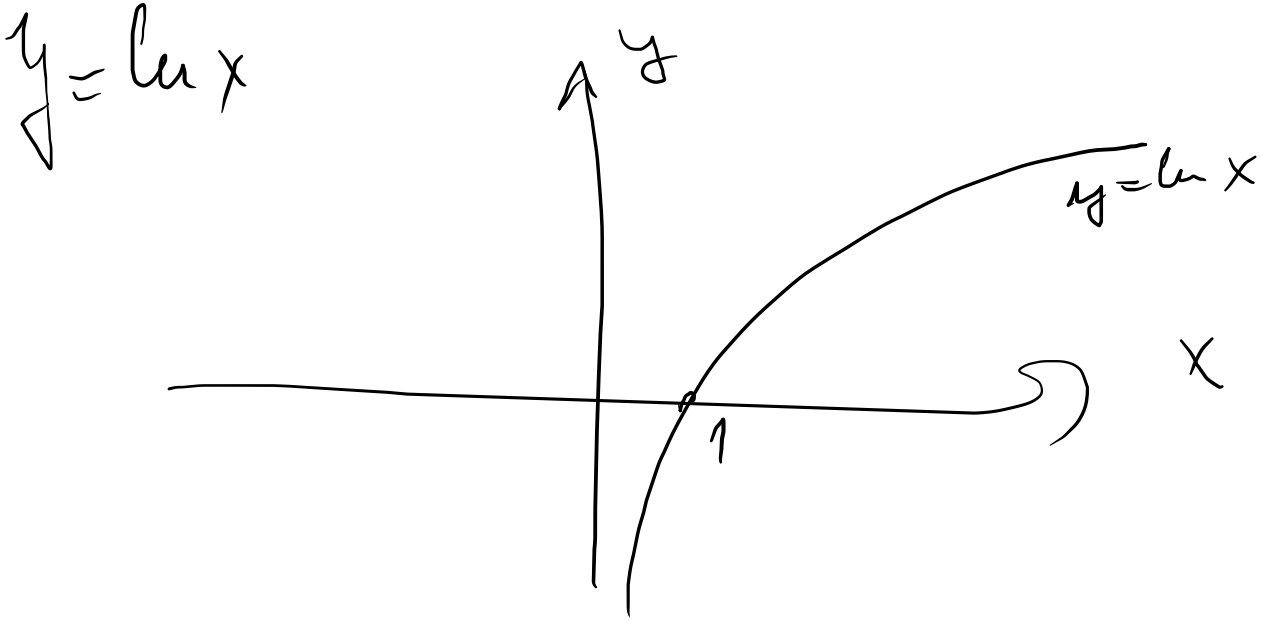
$y = \frac{1}{x}$



$y = x^2$



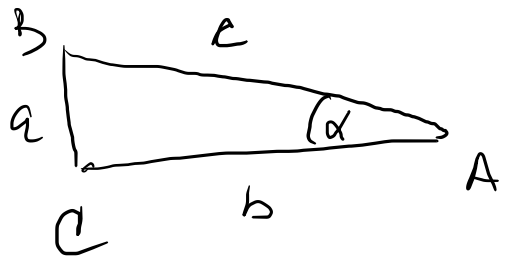

y=e^x
y
y=e^x
1
x


y=ln x
y
y=ln x
x
1

TRIGONOMETRIJA

$$\sin^2\alpha + \cos^2\alpha = 1$$

$$\left.\begin{aligned} \operatorname{tg}\alpha &= \frac{\sin\alpha}{\cos\alpha} \\ \operatorname{ctg}\alpha &= \frac{\cos\alpha}{\sin\alpha} \end{aligned}\right\} \quad \operatorname{tg}\alpha = \frac{1}{\operatorname{ctg}\alpha}$$



$$\sin\alpha = \frac{a}{c}$$

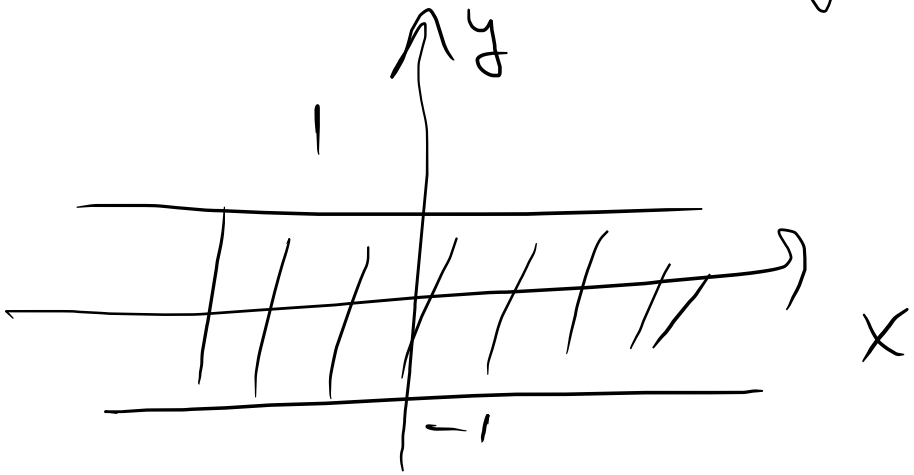
$$\cos\alpha = \frac{b}{c}$$

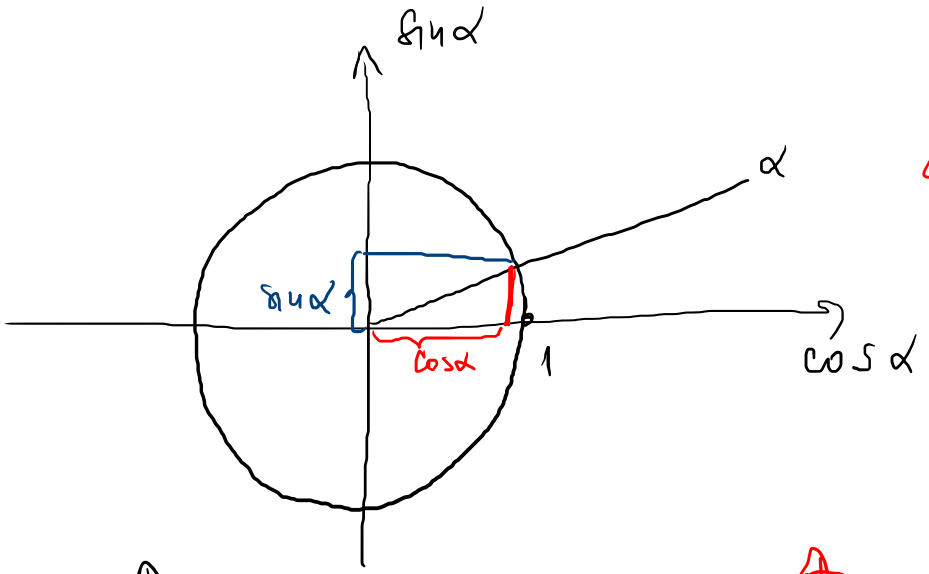
$$\operatorname{tg}\alpha = \frac{a}{b}$$

$$\operatorname{ctg}\alpha = \frac{b}{a}$$

$$-1 \le \sin x \le 1$$

$$-1 \le \cos x \le 1$$

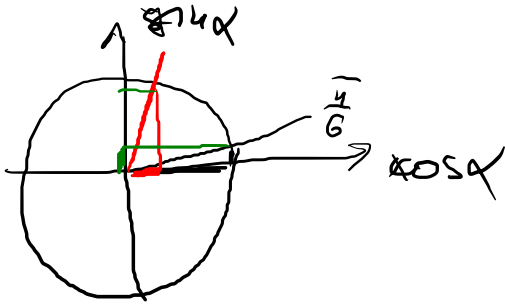




$\cos \alpha$

$\sin \alpha$

$\frac{\pi}{6}$	$\frac{\pi}{4}$	$\frac{\pi}{3}$
$\frac{1}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{3}}{2}$

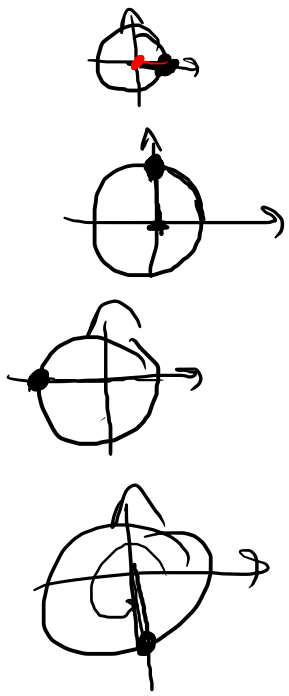


$\cos 0 = 1$

$\cos \frac{\pi}{2} = 0$

$\cos \pi = -1$

$\cos \frac{3\pi}{2} = 0$

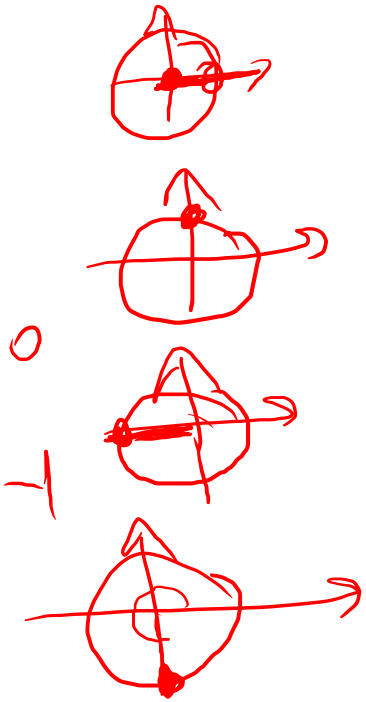


$\sin 0 = 0$

$\sin \frac{\pi}{2} = 1$

$\sin \pi = 0$

$\sin \frac{3\pi}{2} = -1$

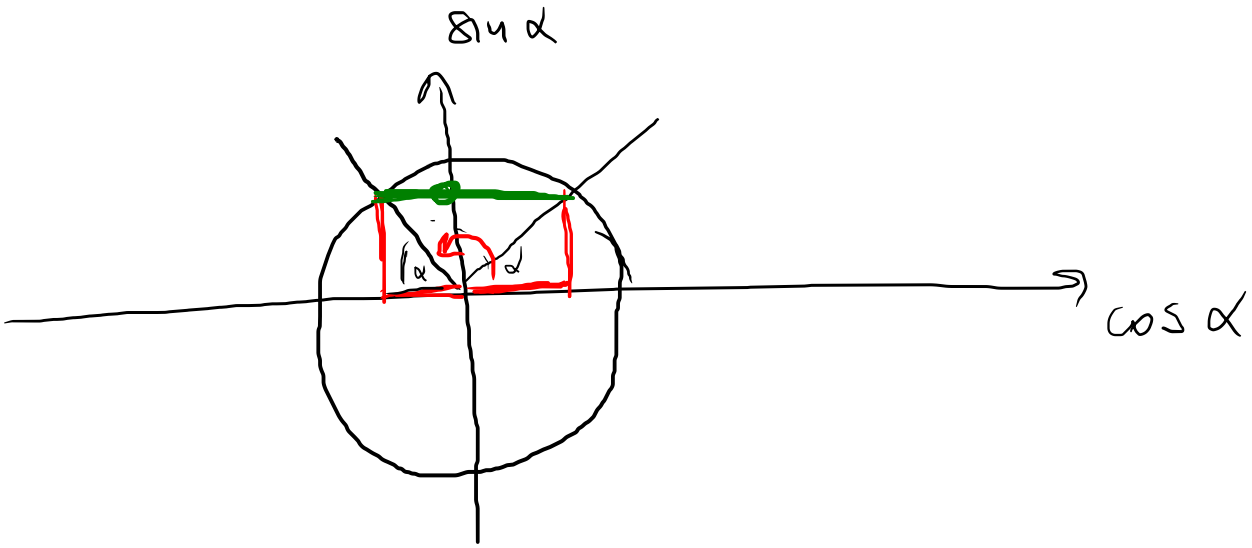


$\cos \frac{\pi}{6} = \frac{\sqrt{3}}{2}$

$\cos \frac{\pi}{3} = \frac{1}{2}$

$\sin \frac{\pi}{6} = \frac{1}{2}$

$\sin \frac{\pi}{3} = \frac{\sqrt{3}}{2}$



$$\cos\frac{2\pi}{3} = -\cos\frac{\pi}{3} = -\frac{1}{2}$$

$$\cos\frac{5\pi}{6} = -\cos\frac{\pi}{6} = -\frac{\sqrt{3}}{2}$$

$$\sin\frac{2\pi}{3} = \sin\frac{\pi}{3} = \frac{\sqrt{3}}{2}$$

$$\sin\frac{5\pi}{6} = \sin\frac{\pi}{6} = \frac{1}{2}$$

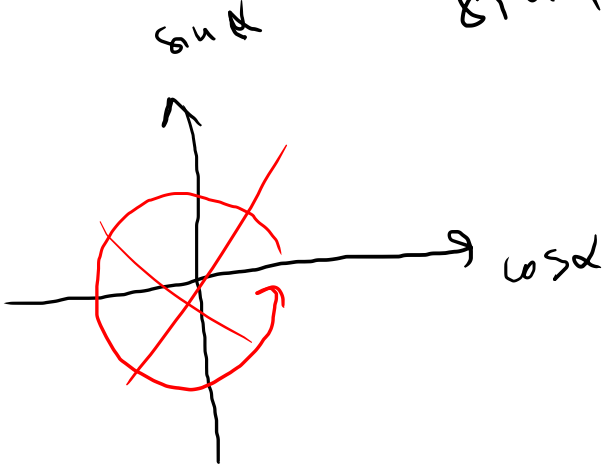
$$\cos(-\alpha) = \cos\alpha$$

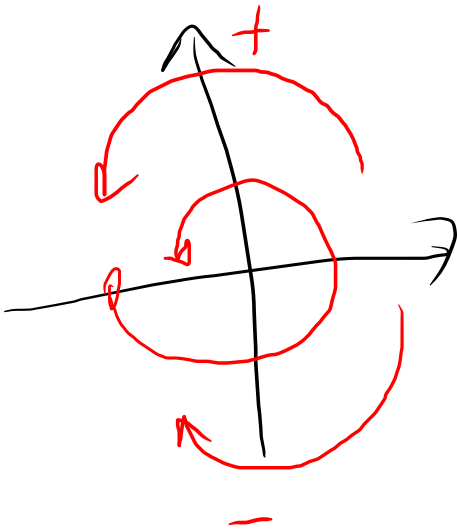
$$\sin(-\alpha) = -\sin\alpha$$

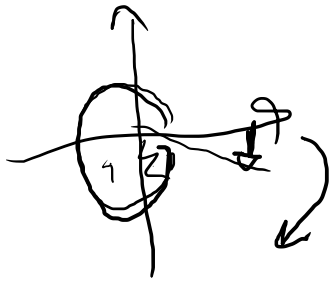
$$\cos\left(-\frac{\pi}{4}\right) = \cos\frac{\pi}{4} = \frac{\sqrt{2}}{2}$$

$$\sin\left(-\frac{\pi}{4}\right) = -\sin\frac{\pi}{4} = -\frac{\sqrt{2}}{2}$$

$$\left[-\pi, \pi\right]$$

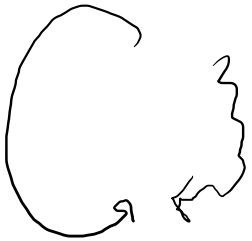


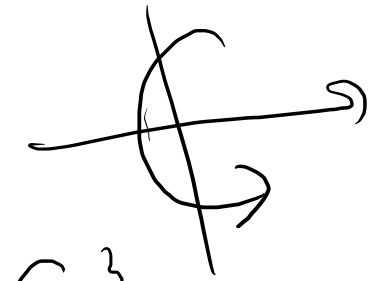




$$2\pi = \frac{12\pi}{6}$$

$$2\pi = \frac{6\pi}{3} \quad (6)$$





$$\cos\frac{11\pi}{6} = \cos\left(-\frac{\pi}{6}\right) = \cos\frac{\pi}{6} = \frac{\sqrt{3}}{2}$$

$$\cos\left(\frac{5\pi}{3}\right) = \cos\left(-\frac{\pi}{3}\right) = \cos\frac{\pi}{3} = \frac{1}{2}$$

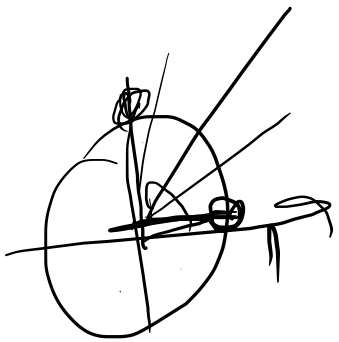
$$\cos\left(\frac{7\pi}{6}\right) = \cos\left(-\frac{5\pi}{6}\right) = \cos\frac{\pi}{6} = -\frac{\sqrt{3}}{2}$$

$$\cos\left(\frac{4\pi}{3}\right) = \cos\left(-\frac{2\pi}{3}\right) = \cos\frac{\pi}{3} = -\frac{1}{2}$$

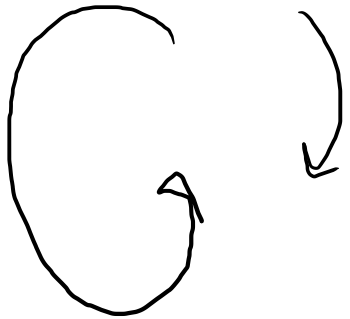
$$\operatorname{sen}\frac{11\pi}{6} = \operatorname{sen}\left(-\frac{\pi}{6}\right) = -\operatorname{sen}\frac{\pi}{6} = -\frac{1}{2}$$

$$\operatorname{sen}\frac{5\pi}{3} = \operatorname{sen}\left(-\frac{\pi}{3}\right) = -\operatorname{sen}\frac{\pi}{3} = -\frac{\sqrt{3}}{2}$$

$$\sin\frac{25\pi}{14} = \sin\left(-\frac{3\pi}{14}\right) = -\sin\frac{3\pi}{14}$$



$$2\pi = \frac{28\pi}{14}$$



$$\sin\frac{7\pi}{6} = \sin\left(-\frac{5\pi}{6}\right) = -\sin\frac{5\pi}{6} = -\sin\frac{\pi}{6} = -\frac{1}{2}$$