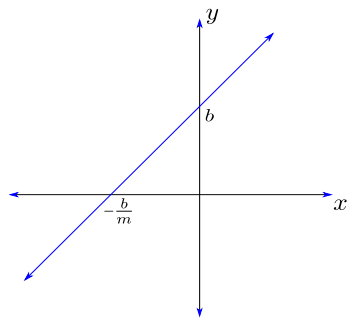
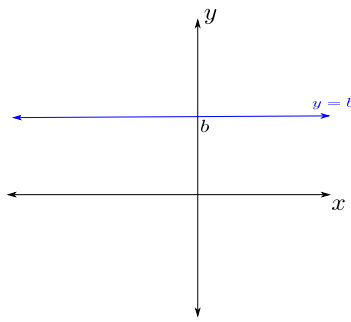




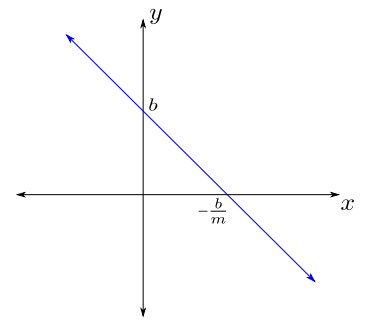
Funciones Polinómicas



$$m > 0$$

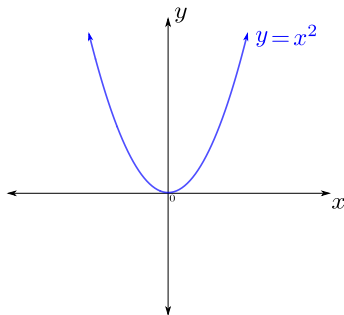


$$m = 0$$

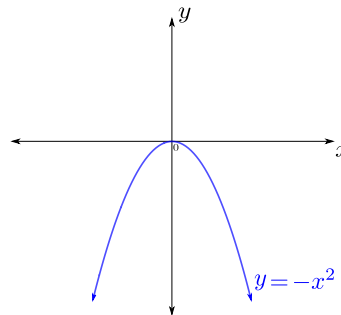


$$m < 0$$

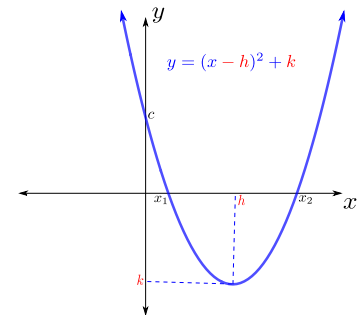
Función Lineal: $y = mx + b$



$$a=1>0, b=c=0$$



$$a=-1<0, b=c=0$$

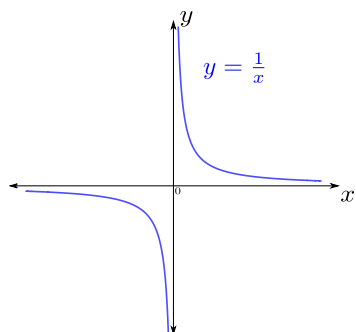


$$a=1, b \neq 0$$

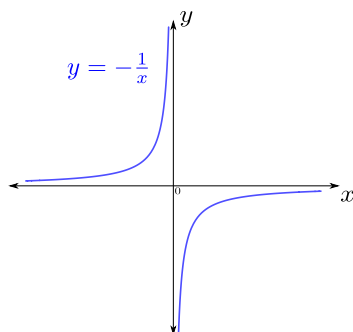
Función cuadrática: $y = ax^2 + bx + c$

¹Los puntos x_1 y x_2 de la parábola se obtienen resolviendo la ecuación cuadrática: $ax^2 + bx + c = 0$.

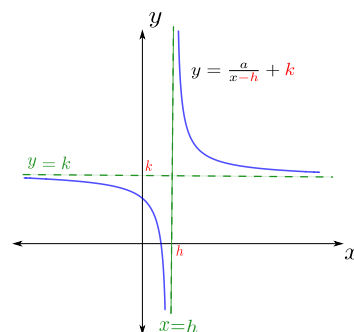
Funciones racionales, irracionales y exponenciales



$$a=1>0, \quad h=k=0$$

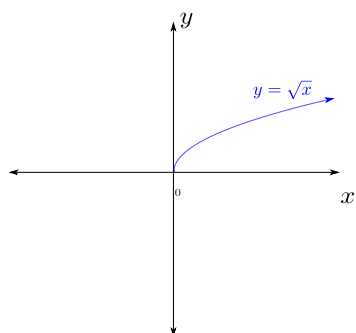


$$a=-1<0, \quad h=k=0$$

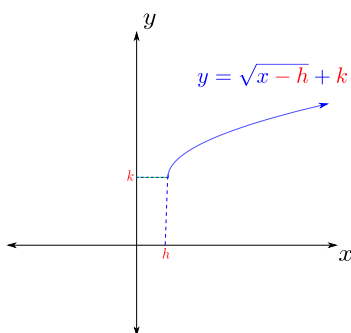


$$a>0$$

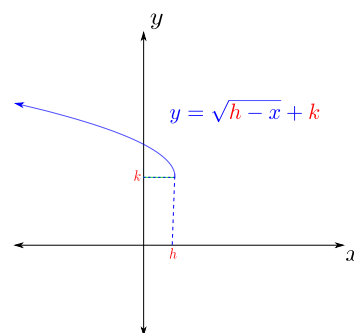
Función racional: $y = \frac{a}{x-h} + k, \quad a \in \mathbb{R}$



$$a=1, \quad h=k=0$$

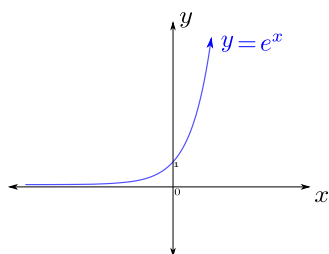


$$a=1$$

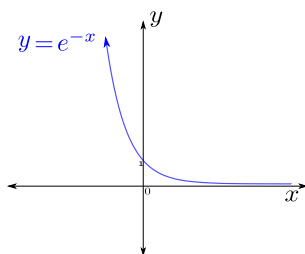


$$a=-1$$

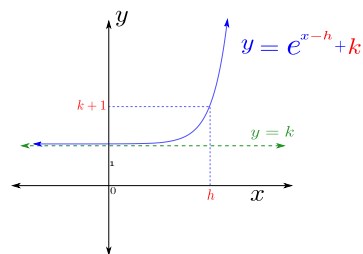
Función irracional: $y = \sqrt{a(x-h)} + k$



$$a=1, \quad h=k=0$$



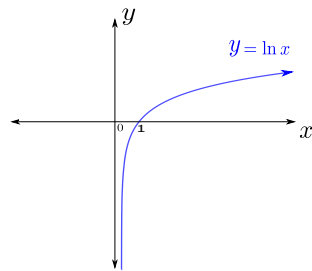
$$a=-1, \quad h=k=0$$



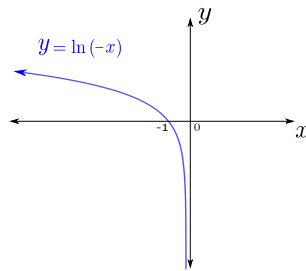
$$a=1$$

Función exponencial: $y = e^{a(x-h)} + k$

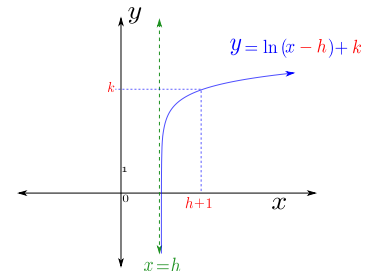
Funciones logarítmicas y trigonométricas



$$a = 1, \quad h = k = 0$$

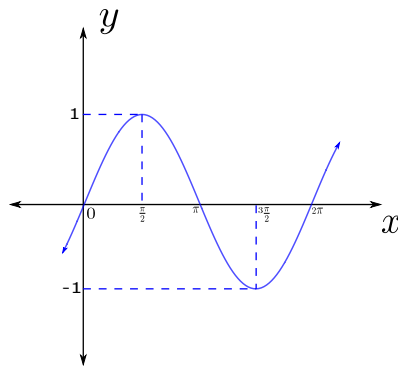


$$a = -1, \quad h = k = 0$$

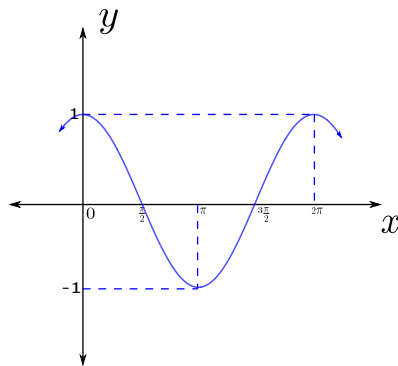


$$a = 1$$

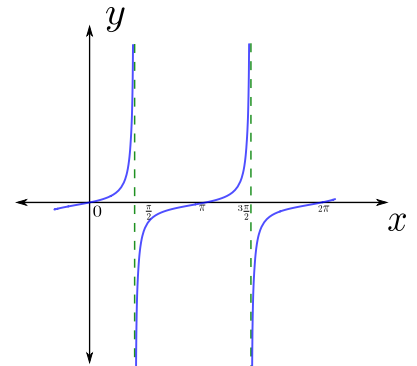
Función logarítmica: $y = \ln(a(x - h)) + k$



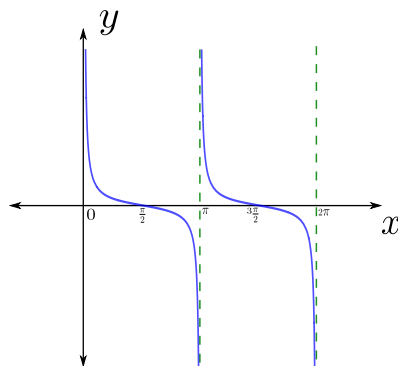
$$y = \text{sen } x$$



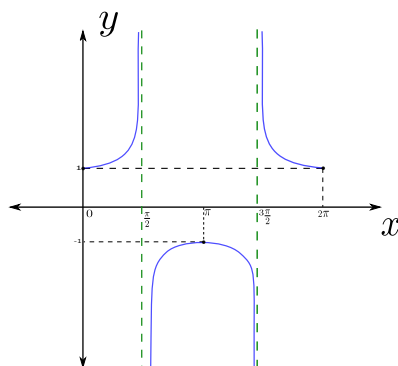
$$y = \cos x$$



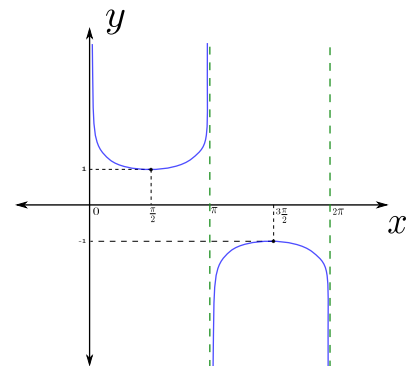
$$y = \tan x$$



$$y = \cot x$$



$$y = \sec x$$



$$y = \csc x$$

Función trigonométricas