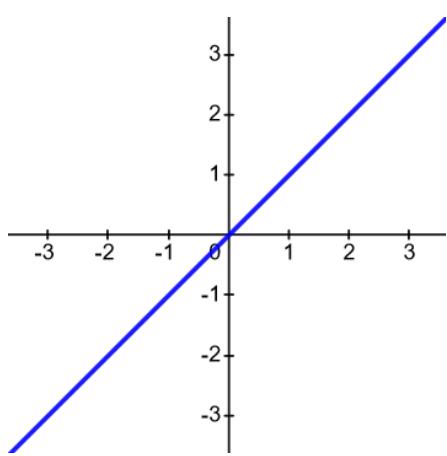


Parent Functions and Graphs

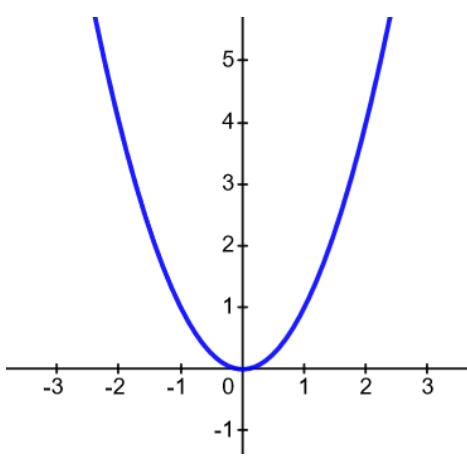
Linear

$$y = x$$



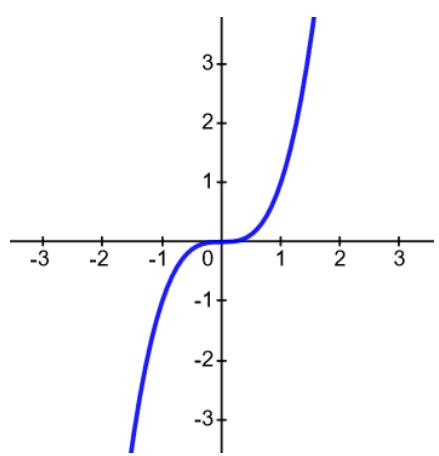
Quadratic (Parabola)

$$y = x^2$$



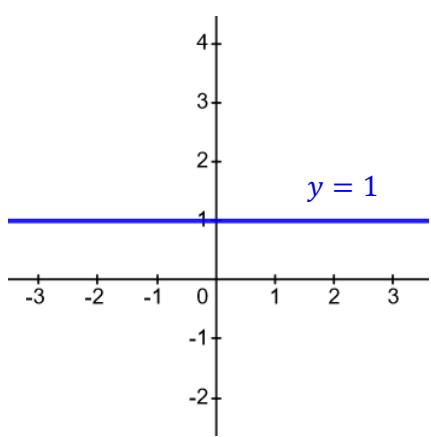
Cubic

$$y = x^3$$



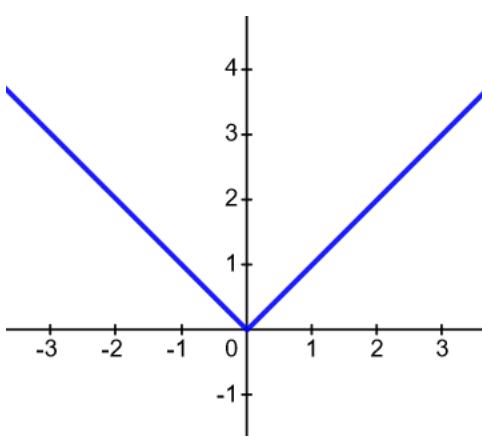
Constant (Horizontal Line)

$$y = c$$



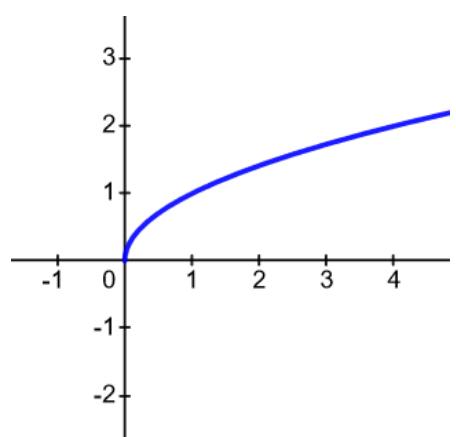
Absolute Value

$$y = |x|$$



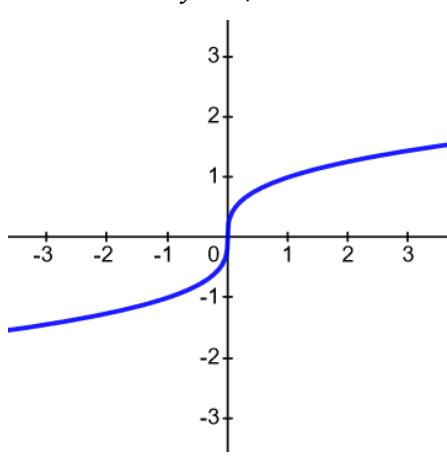
Square Root

$$y = \sqrt{x}$$



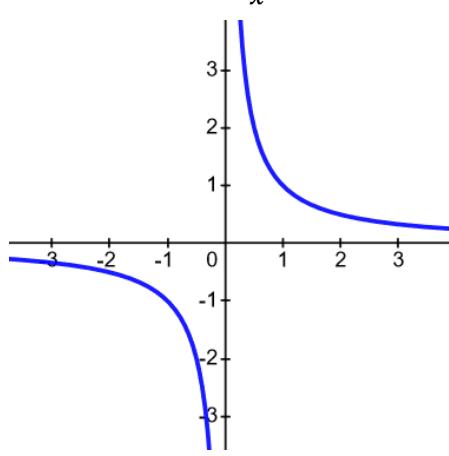
Cube Root

$$y = \sqrt[3]{x}$$



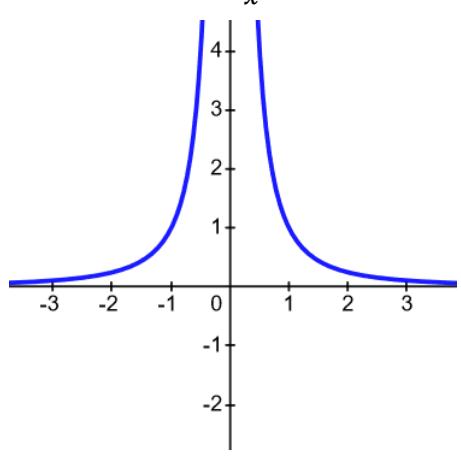
Rational

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



Rational (Squared)

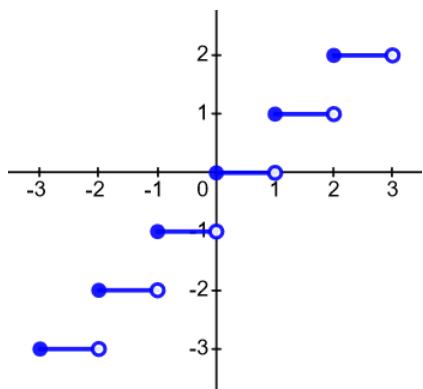
$$y = \frac{1}{x^2}$$



Parent Functions and Graphs

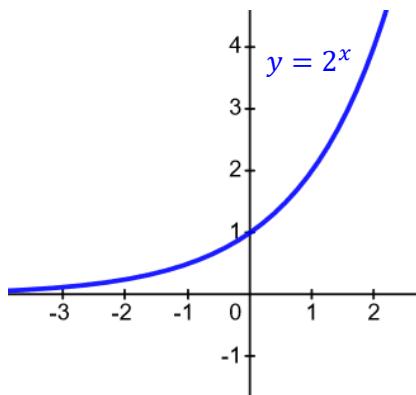
Greatest Integer (Step Function)

$$y = \lfloor x \rfloor$$



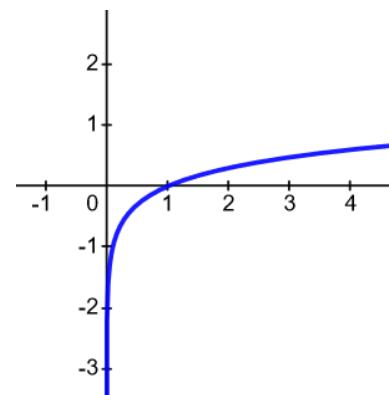
Exponential

$$y = b^x$$

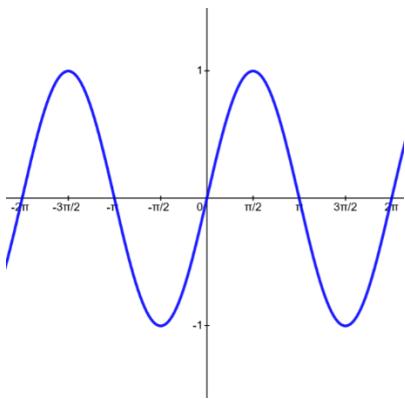


Logarithmic

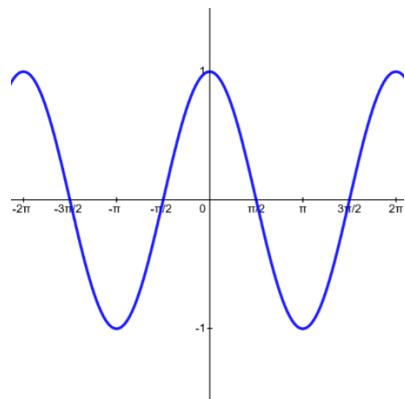
$$y = \log(x)$$



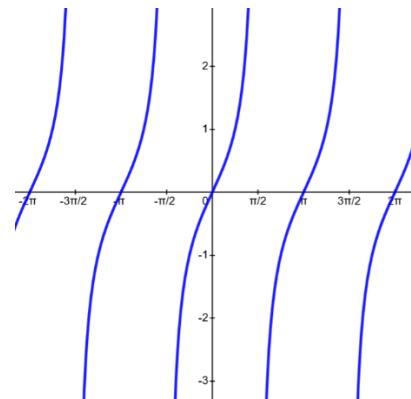
Sine
 $y = \sin(x)$



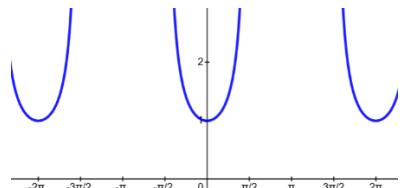
Cosine
 $y = \cos(x)$



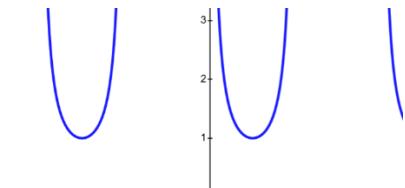
Tangent
 $y = \tan(x)$



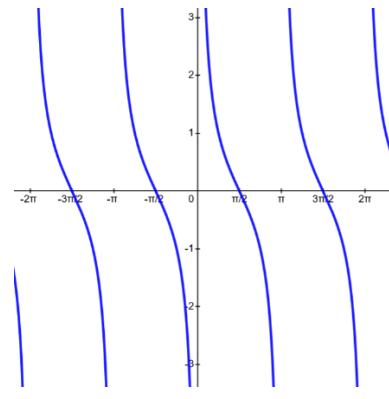
Secant
 $y = \sec(x)$



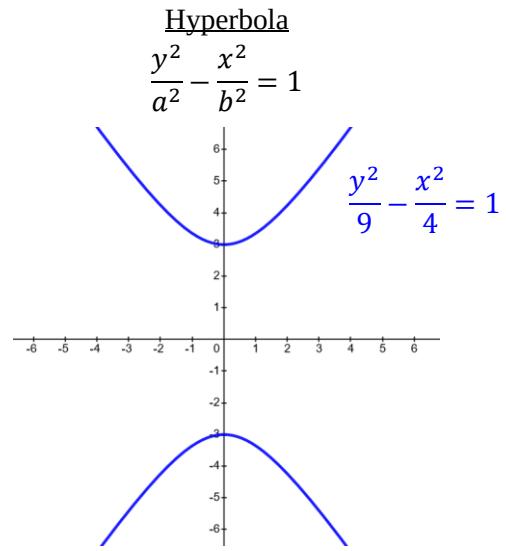
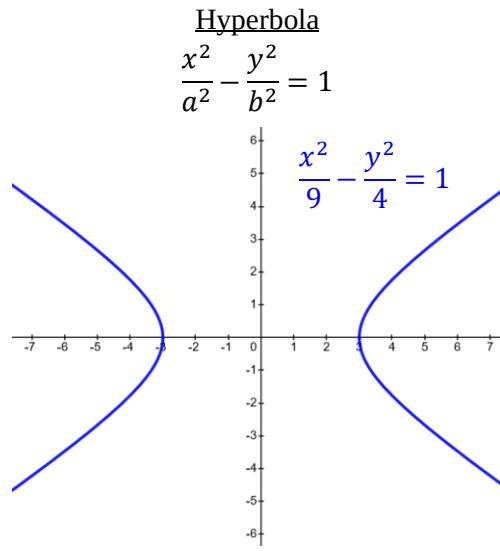
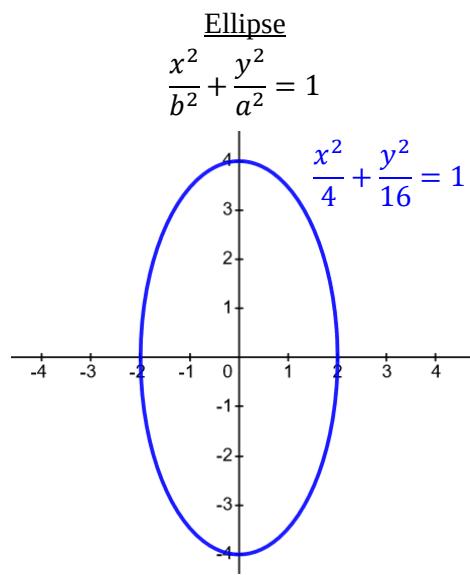
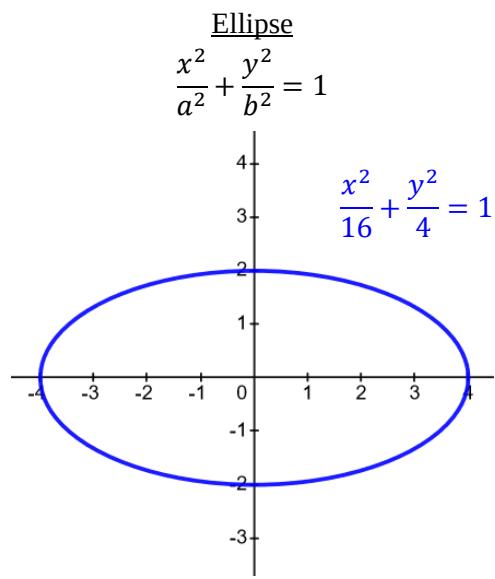
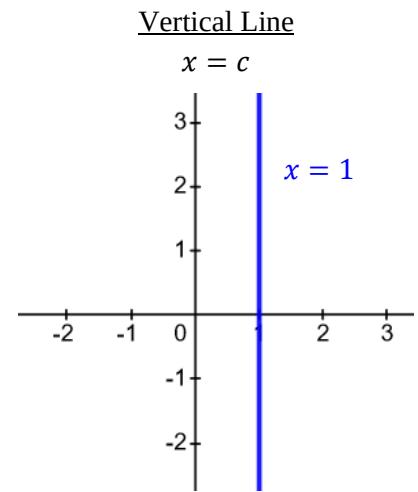
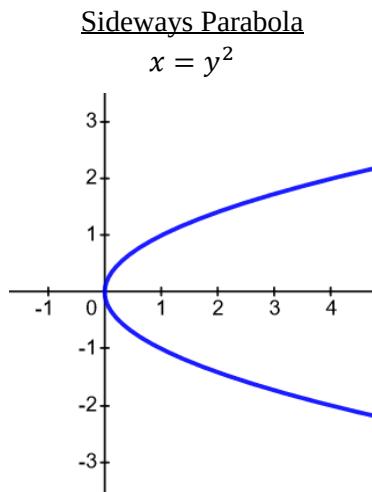
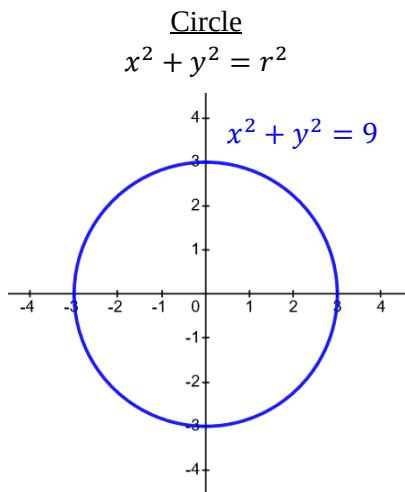
Cosecant
 $y = \csc(x)$



Cotangent
 $y = \cot(x)$



Graphs of Other Common Equations



Common Polar Graphs

