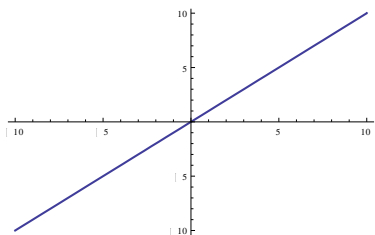
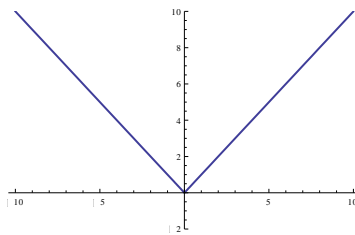


Graphs of Basic Functions

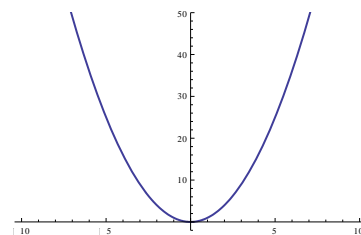
Linear Function
 $y = x$



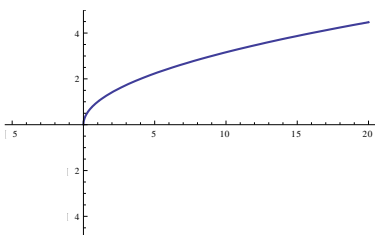
Absolute Function
 $y = |x|$



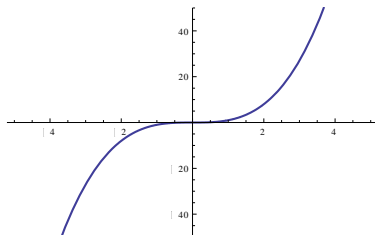
Quadratic Function
 $y = x^2$



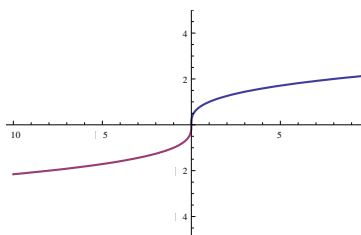
Square Root Function
 $y = \sqrt{x}$



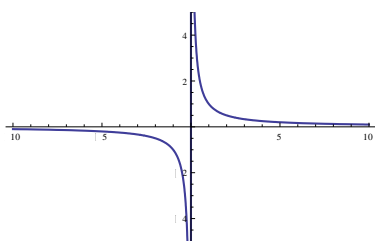
Cube Function
 $y = x^3$



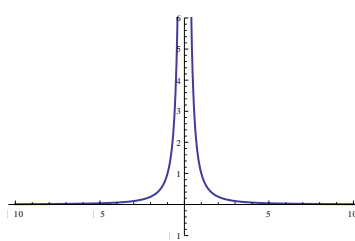
Cube Root Function
 $y = \sqrt[3]{x}$



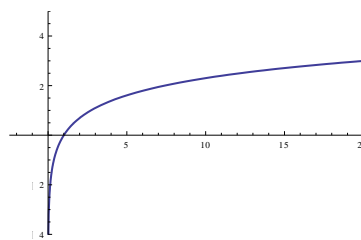
Rational Function
(odd exponent)
 $y = \frac{1}{x}$



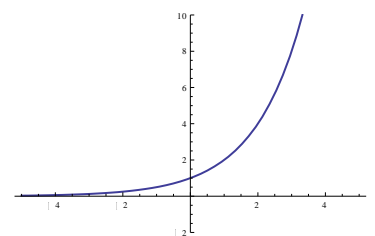
Rational function
(even exponent)
 $y = \frac{1}{x^2}$



Log Function
 $y = \log x$ and $x > 0$



Exponential Function
 $y = a^x$ if $a > 1$



Exponential Function
 $y = a^x$ if $0 < a < 1$

