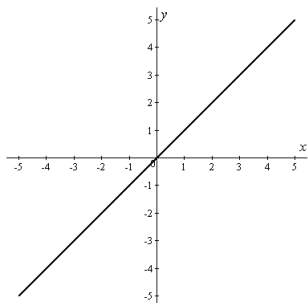
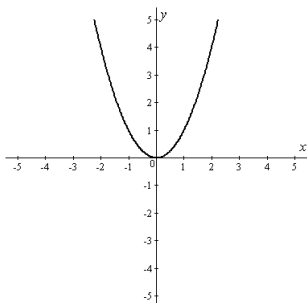


Graphs of Common Parent Functions

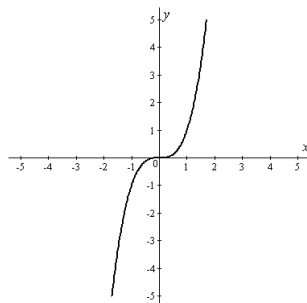
Below are the parent graphs for some of the more common functions used in calculus.



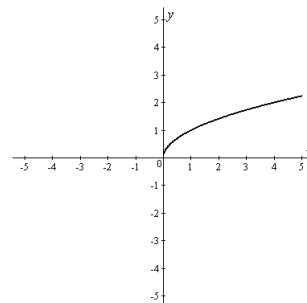
$$f(x) = x$$



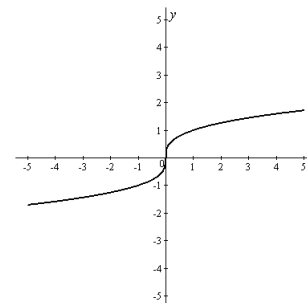
$$f(x) = x^2$$



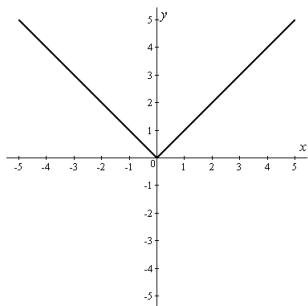
$$f(x) = x^3$$



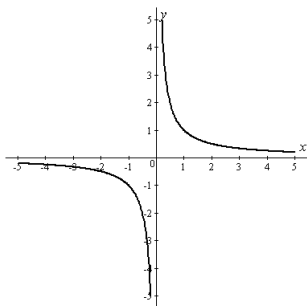
$$f(x) = \sqrt{x}$$



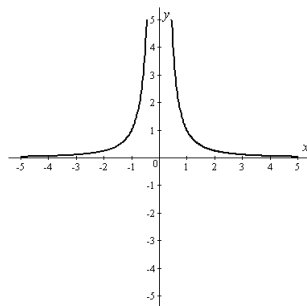
$$f(x) = \sqrt[3]{x}$$



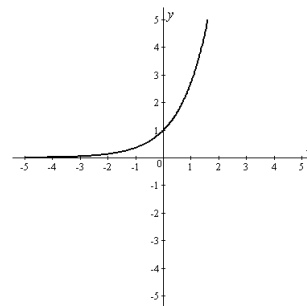
$$f(x) = |x|$$



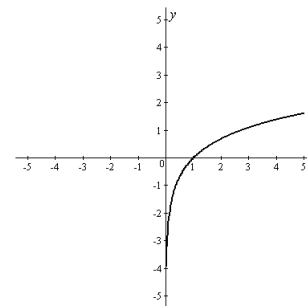
$$f(x) = \frac{1}{x}$$



$$f(x) = \frac{1}{x^2}$$

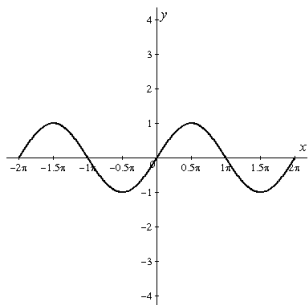


$$f(x) = e^x$$

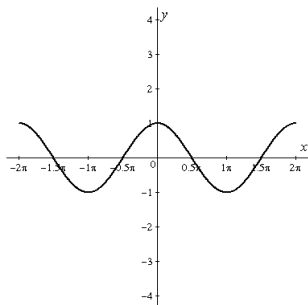


$$f(x) = \ln x$$

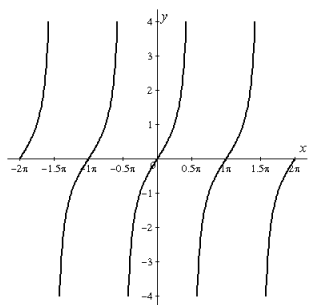
Graphs of Common Parent Functions (continued)



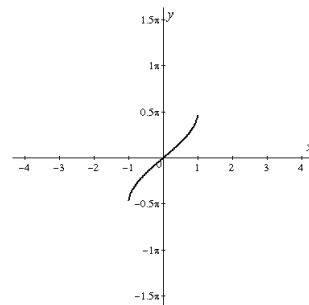
$$f(x) = \sin x$$



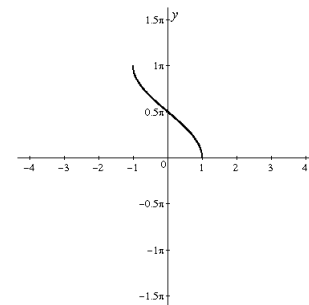
$$f(x) = \cos x$$



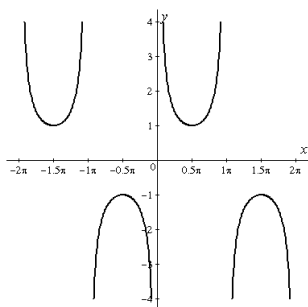
$$f(x) = \tan x$$



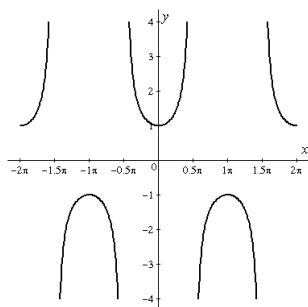
$$f(x) = \sin^{-1} x$$



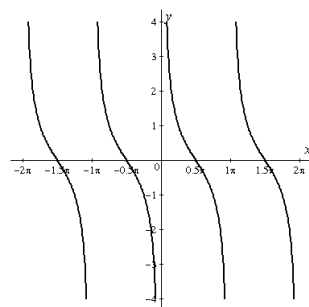
$$f(x) = \cos^{-1} x$$



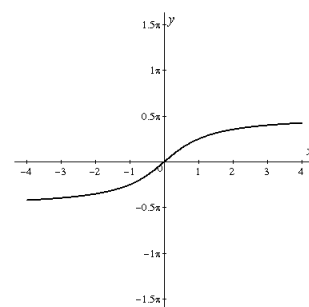
$$f(x) = \csc x$$



$$f(x) = \sec x$$



$$f(x) = \cot x$$



$$f(x) = \tan^{-1} x$$