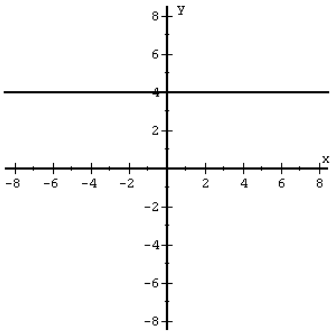
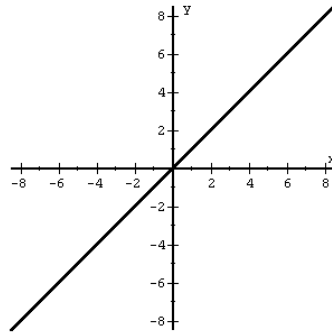


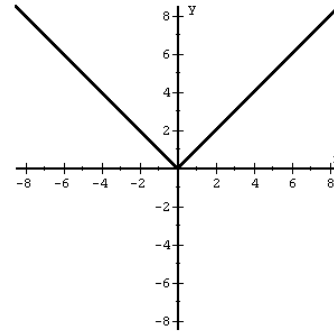
PARENT FUNCTIONS



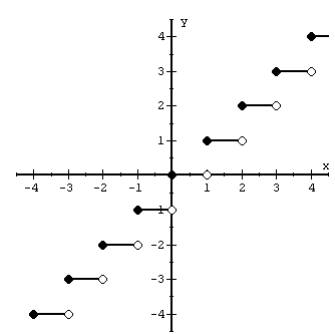
$f(x) = a$
Constant



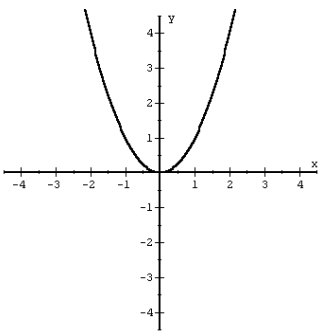
$f(x) = x$
Linear



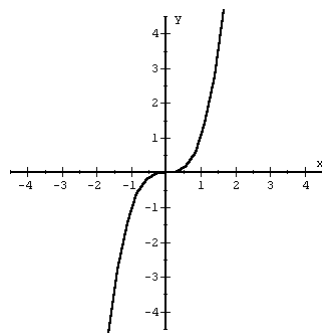
$f(x) = |x|$
Absolute Value



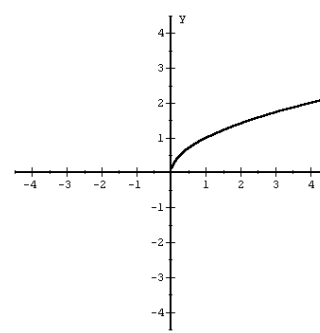
$f(x) = \text{int}(x) = [x]$
Greatest Integer



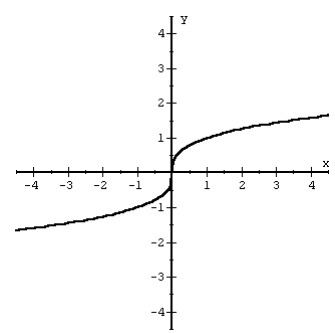
$f(x) = x^2$
Quadratic



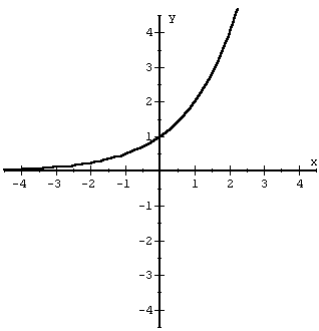
$f(x) = x^3$
Cubic



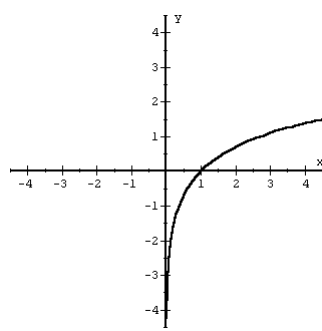
$f(x) = \sqrt{x}$
Square Root



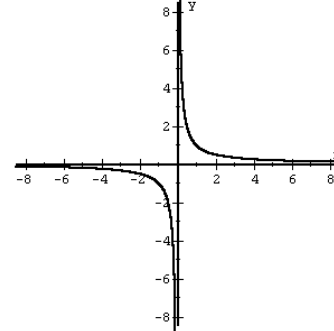
$f(x) = \sqrt[3]{x}$
Cube Root



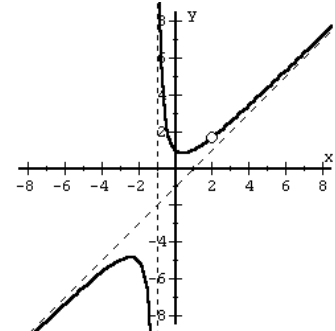
$f(x) = a^x$
Exponential



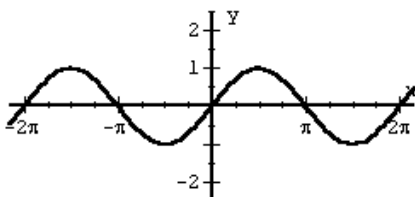
$f(x) = \log_a x$
Logarithmic



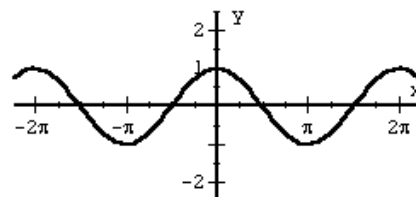
$f(x) = \frac{1}{x}$
Reciprocal



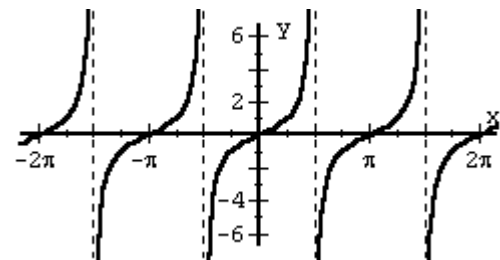
$f(x) = \frac{(x^2 + 1)(x - 2)}{(x + 1)(x - 2)}$
Rational



$f(x) = \sin x$



$f(x) = \cos x$



$f(x) = \tan x$

Trigonometric Functions