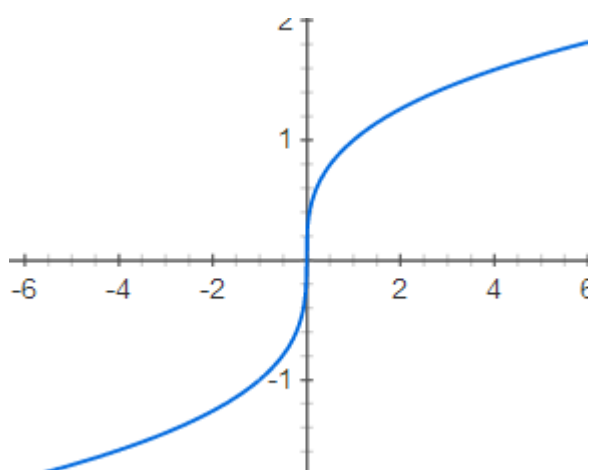
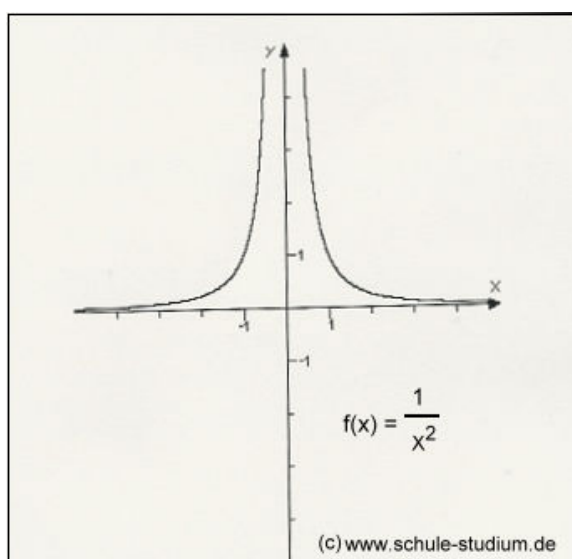
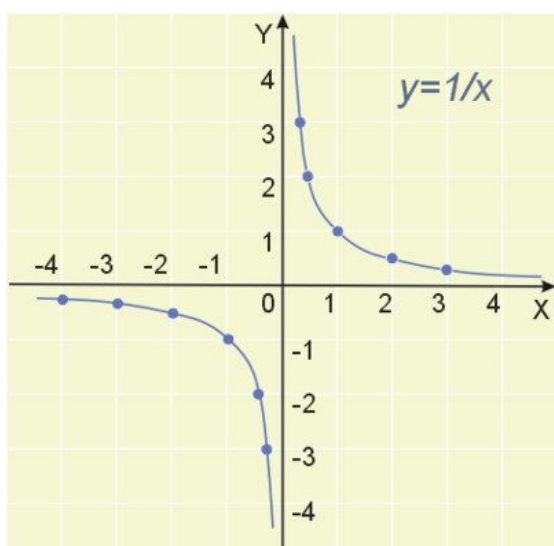
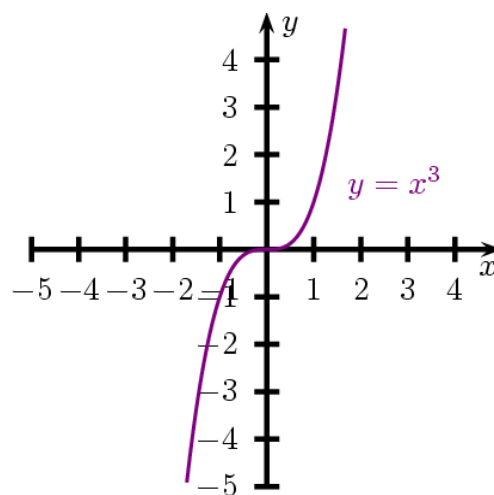
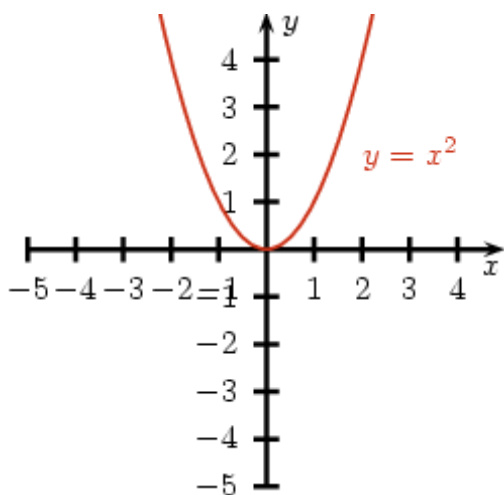
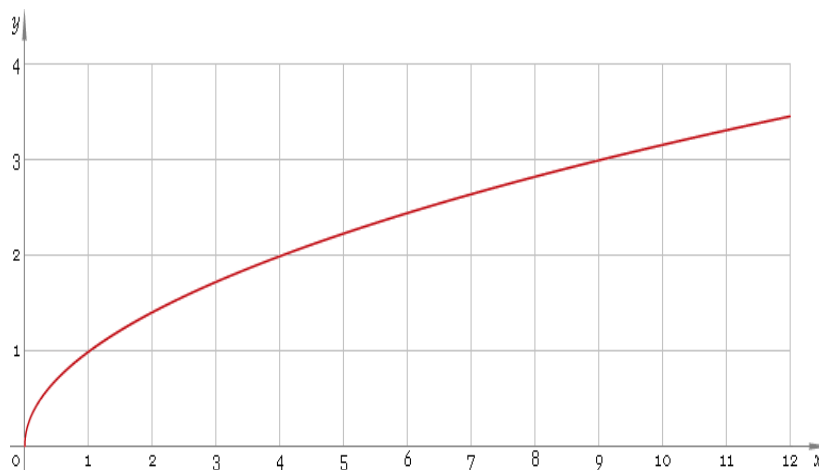


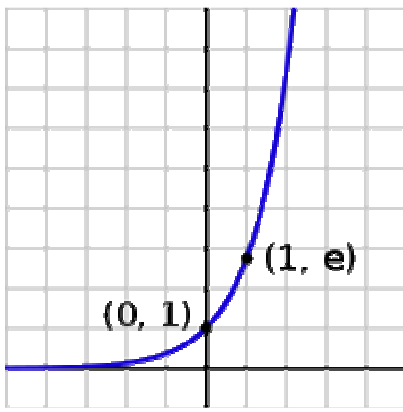
The Graphs of the Main Functions



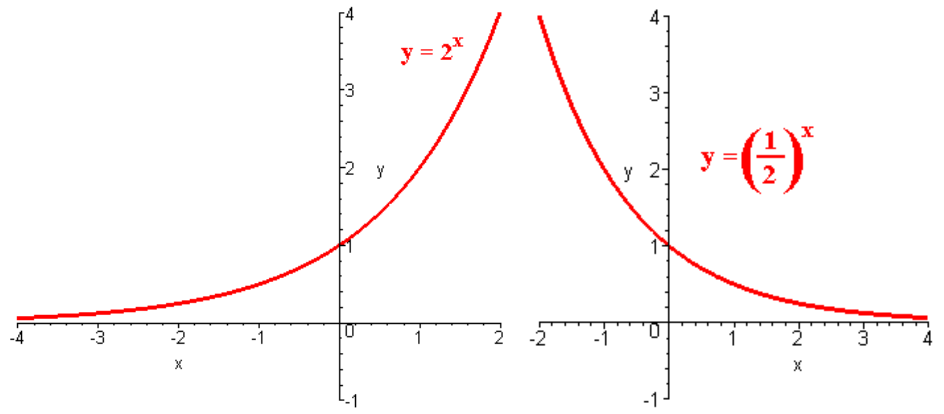
$$y = \sqrt[3]{x}$$



$$y = \sqrt{x}$$

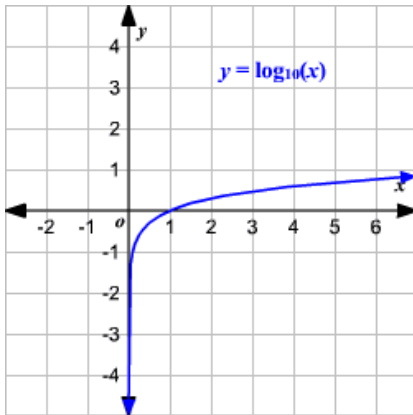


$y=e^x$

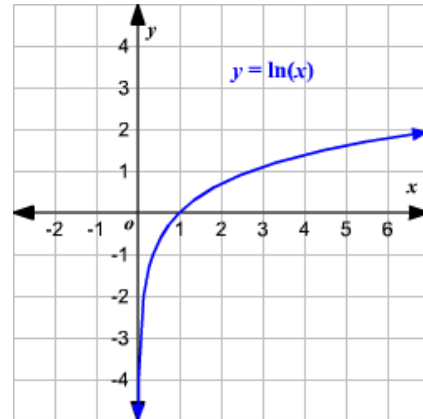


$y=2^x$

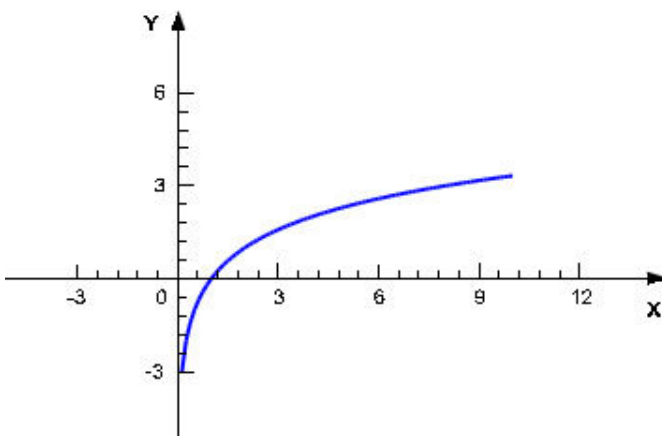
$y = \left(\frac{1}{2}\right)^x$



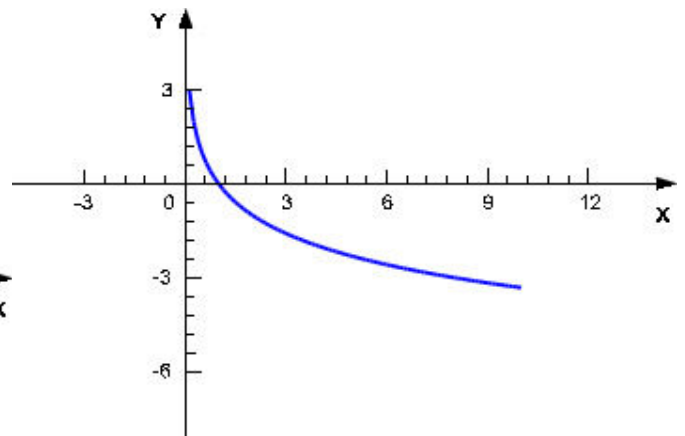
$y=\log x$



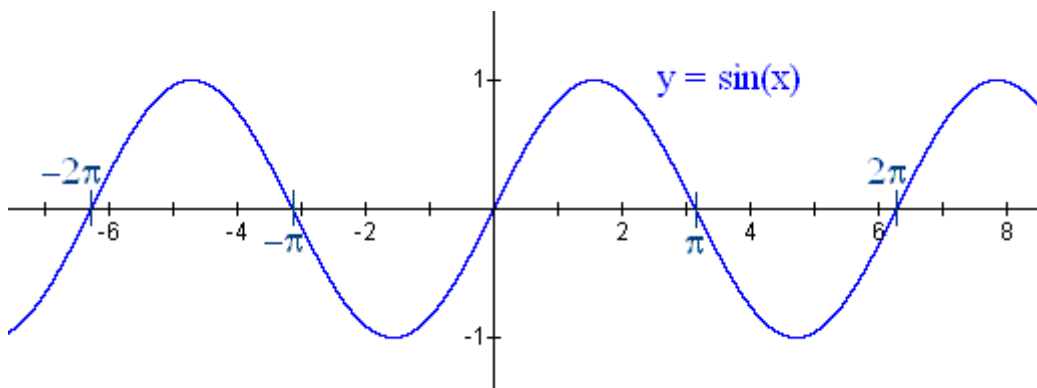
$y=\ln x$

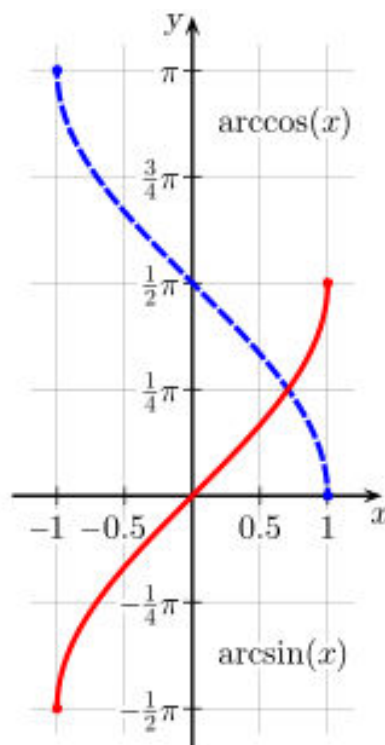
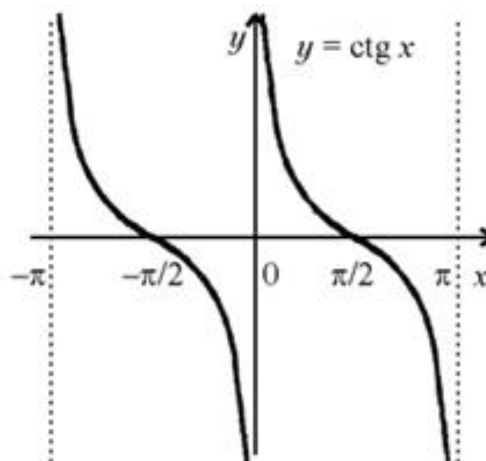
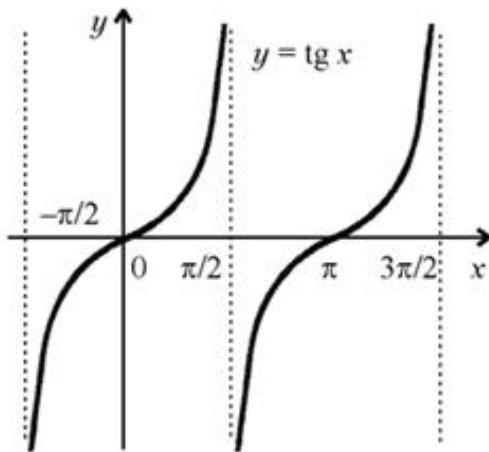
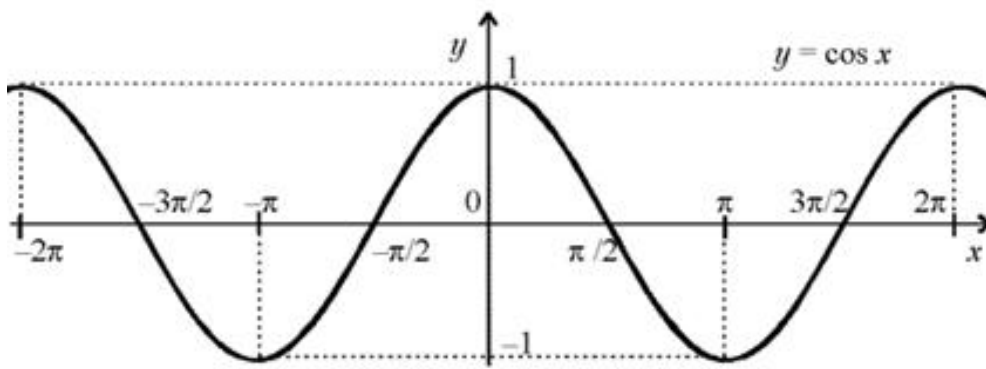


$y = \log_2 x$

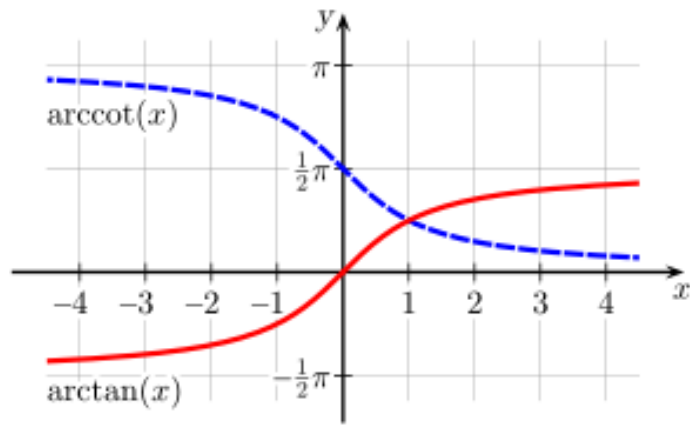


$y = \log_{\frac{1}{2}} x$

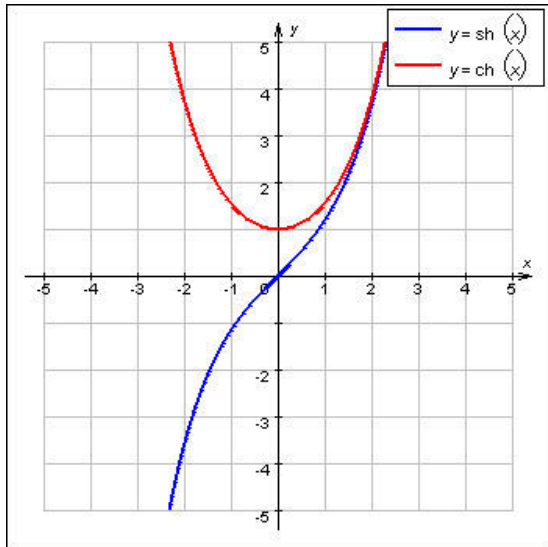




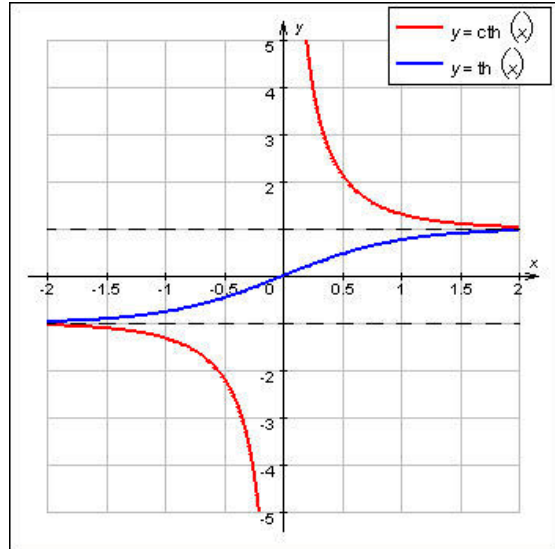
continuous red line - $f(x) = \arcsin(x)$; dashed blue line - $f(x) = \arccos(x)$



continuous red line - $f(x) = \text{arctg}(x)$; dashed blue line - $f(x) = \text{arccotg}(x)$



red line - $f(x) = \text{ch}x$;
blue line - $f(x) = \text{sh}x$;



red line - $f(x) = \text{cth}x$;
blue line - $f(x) = \text{th}x$.

Graph of the function $y=1/(1+x^2)$

