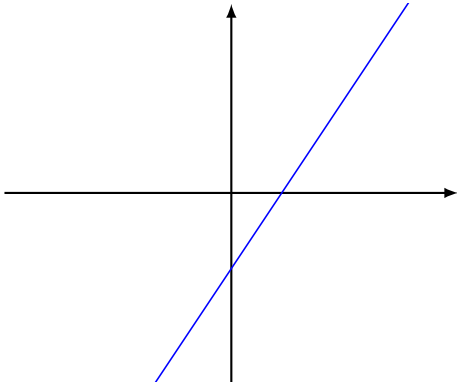
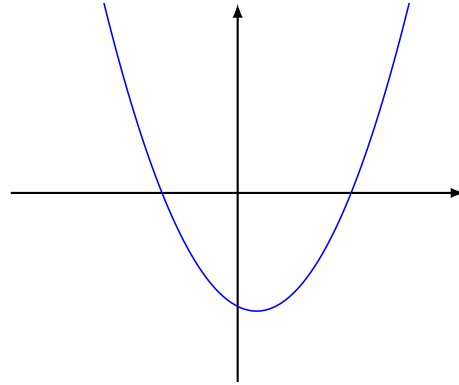


Graphen ausgewählter Funktionen

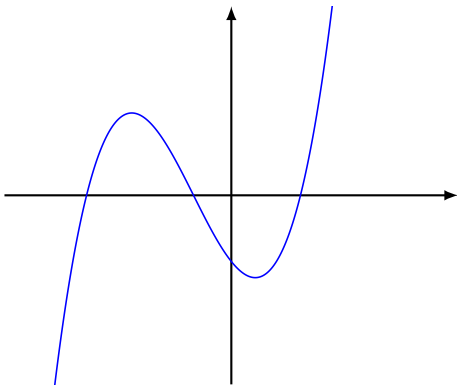
$$f(x) = ax + b$$



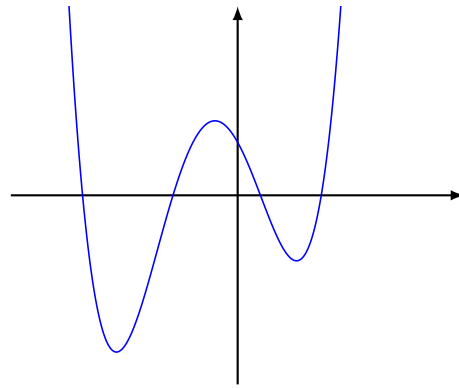
$$f(x) = ax^2 + bx + c$$



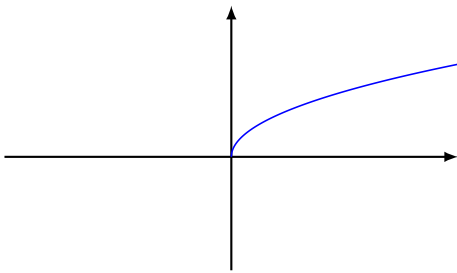
$$f(x) = ax^3 + bx^2 + cx + d$$



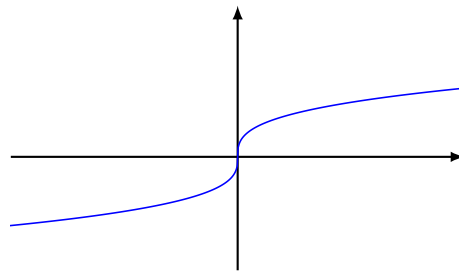
$$f(x) = ax^4 + bx^3 + cx^2 + dx + e$$



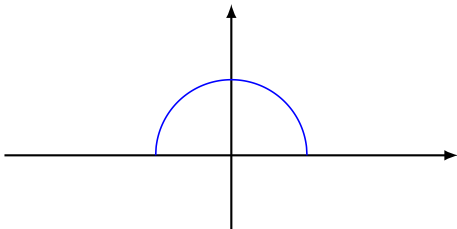
$$f(x) = \sqrt{x}$$



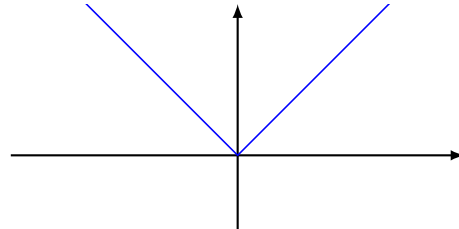
$$f(x) = \sqrt[3]{x}$$



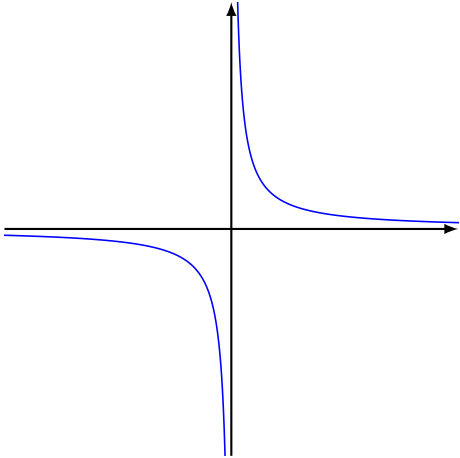
$$f(x) = \sqrt{r^2 - x^2} \text{ mit } -r \leq x \leq r$$



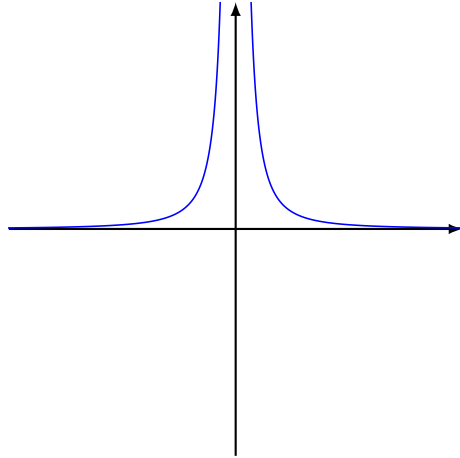
$$f(x) = |x|$$



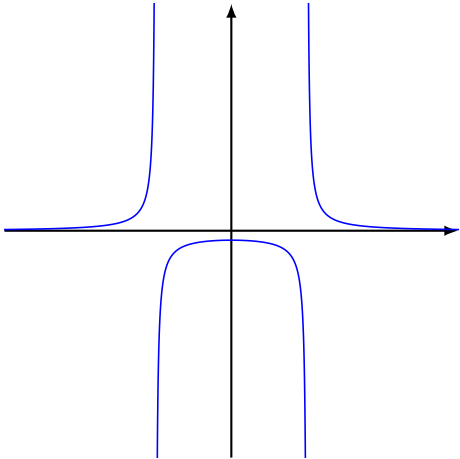
$$f(x) = \frac{1}{x}$$



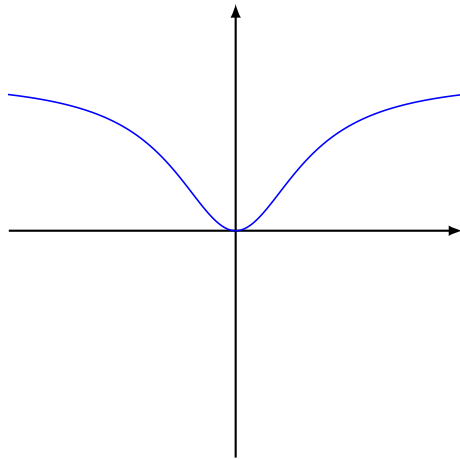
$$f(x) = \frac{1}{x^2}$$



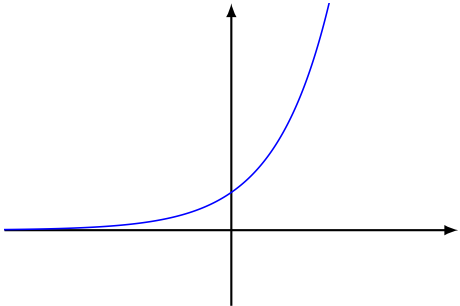
$$f(x) = \frac{1}{x^2 - a^2}$$



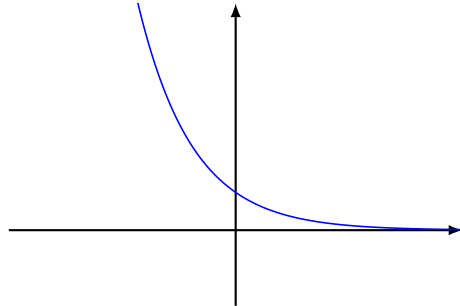
$$f(x) = a - \frac{a}{x^2 + 1} \text{ mit } a > 0$$



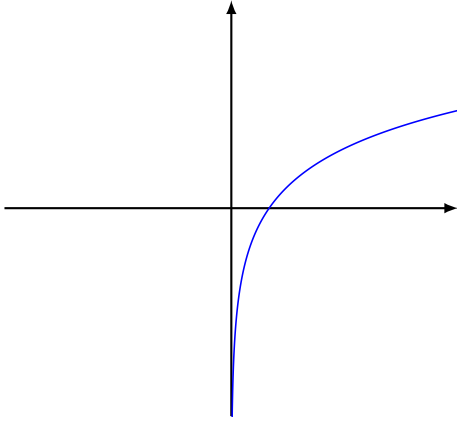
$$f(x) = a^x \text{ mit } a > 1$$



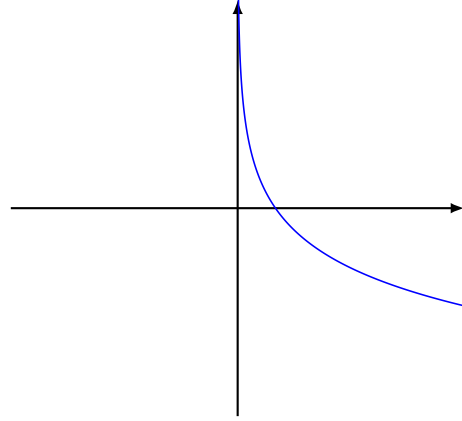
$$f(x) = a^x \text{ mit } 0 < a < 1$$



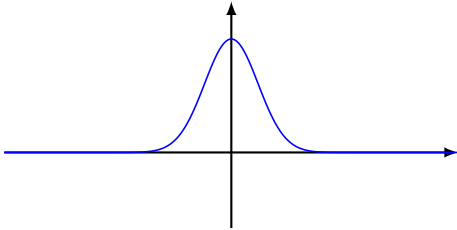
$$f(x) = \log_a(x) \text{ mit } a > 1$$



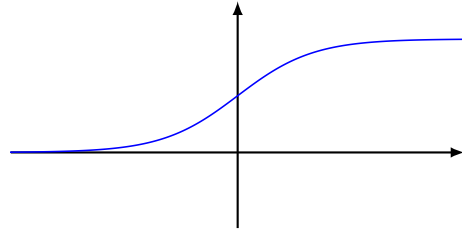
$$f(x) = \log_a(x) \text{ mit } 0 < a < 1$$



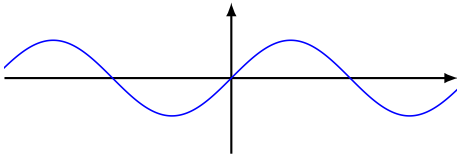
$$f(x) = e^{-x^2}$$



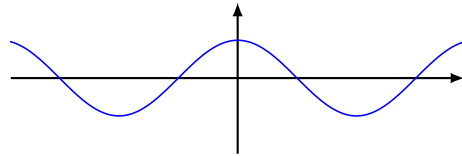
$$f(x) = \frac{e^x}{1 + e^x}$$



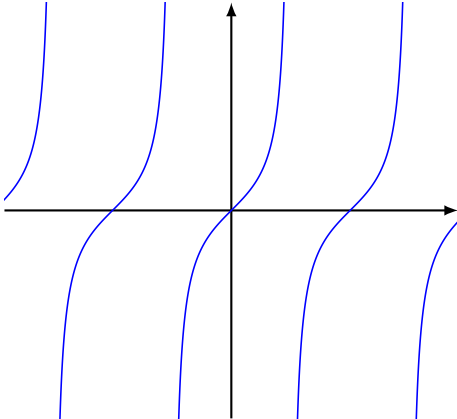
$$f(x) = \sin(x)$$



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



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



$$f(x) = \frac{\sin(x)}{x} \text{ mit } f(0) = 1$$

