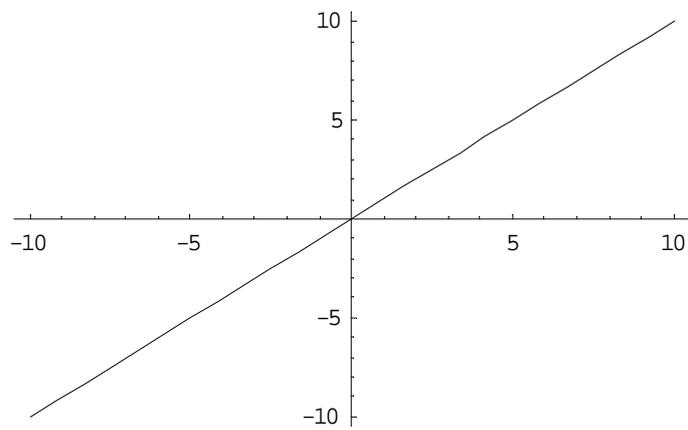


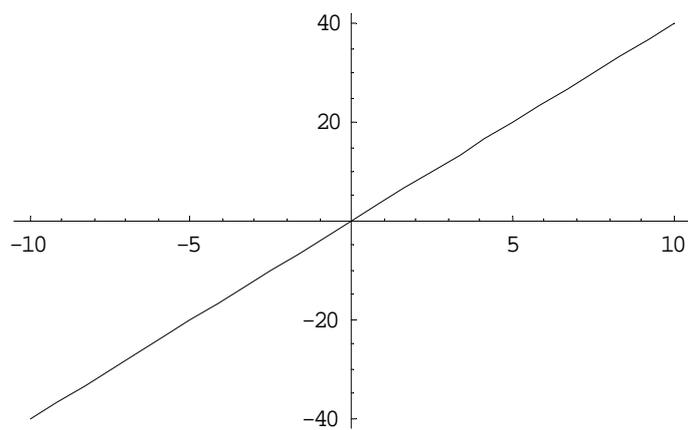
Primjeri funkcija

Linearna funkcija $f(x)=ax$

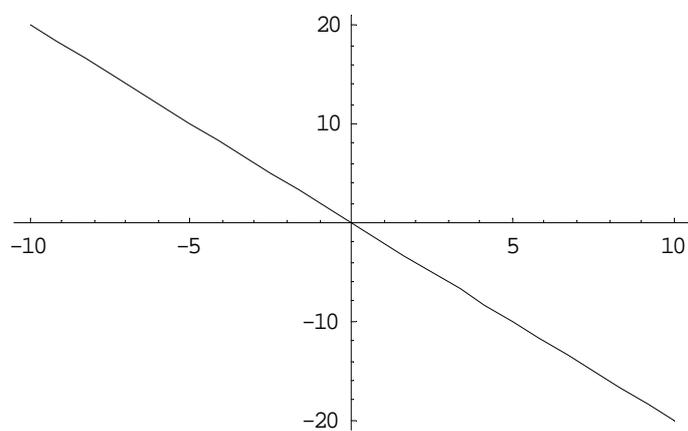
$$f(x)=x$$



$$f(x)=4x$$

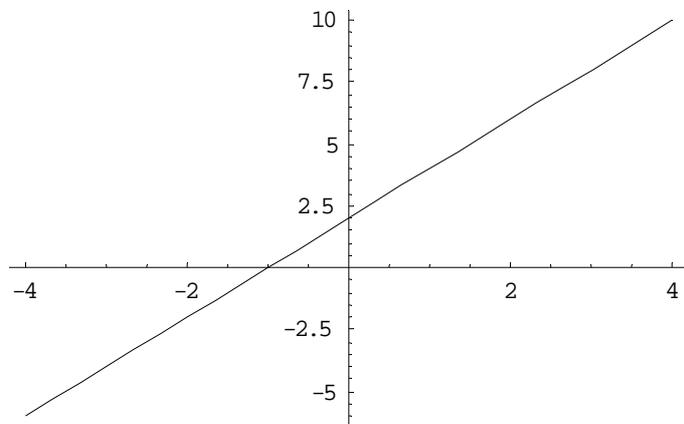


$$f(x)=-2x$$

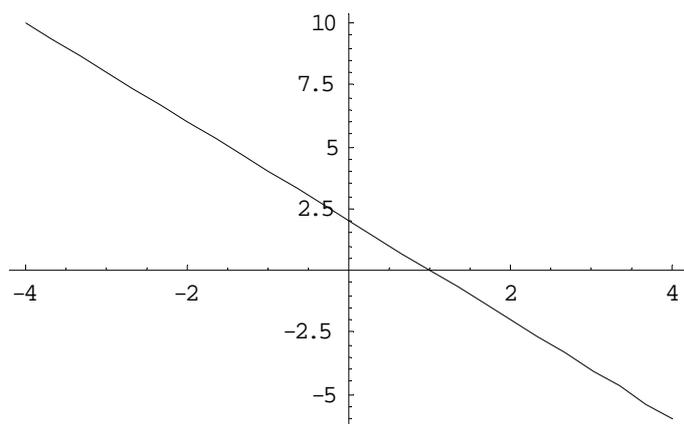


Afina funkcija $f(x)=ax+b$

$$f(x)=2x+2$$

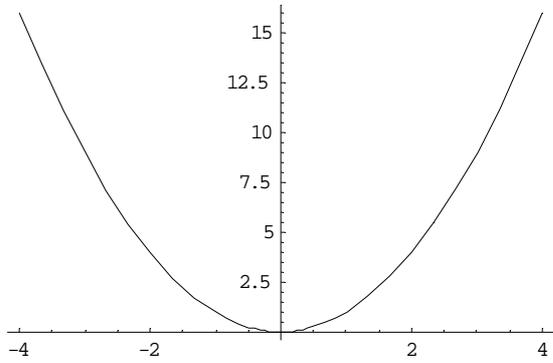


$$f(x)=-2x+2$$

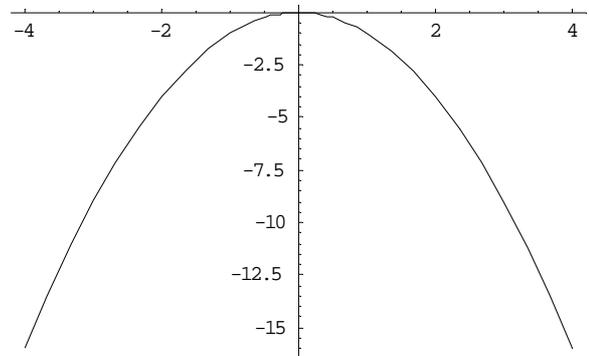


Kvadratna funkcija $f(x) = ax^2 + bx + c$

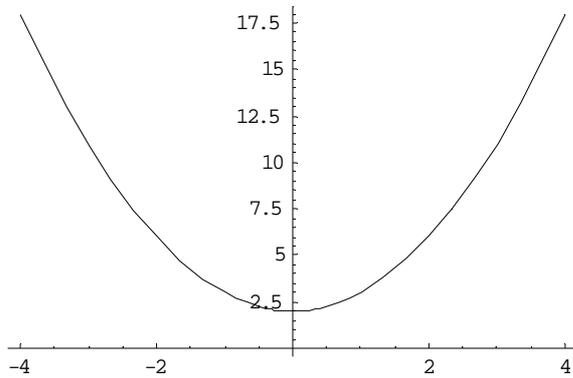
$$f(x) = x^2$$



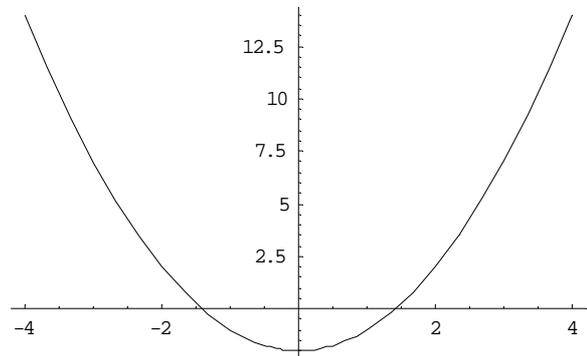
$$f(x) = -x^2$$



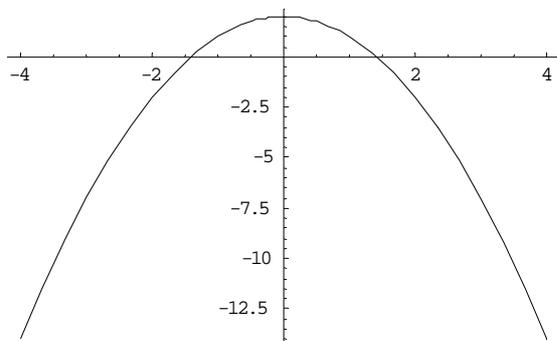
$$f(x) = x^2 + 2$$



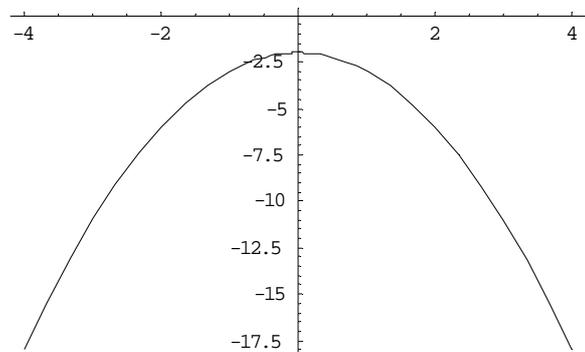
$$f(x) = x^2 - 2$$



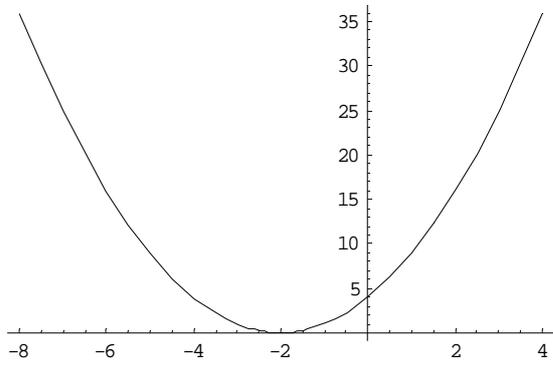
$$f(x) = -x^2 + 2$$



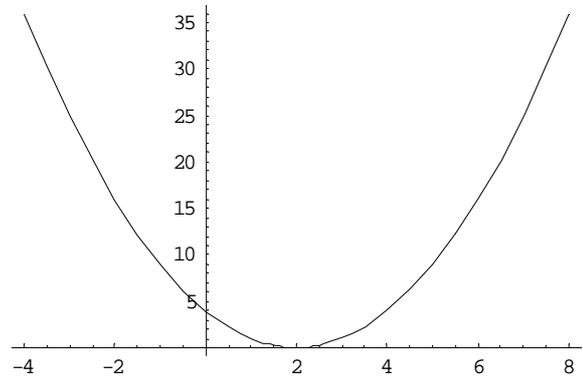
$$f(x) = -x^2 - 2$$



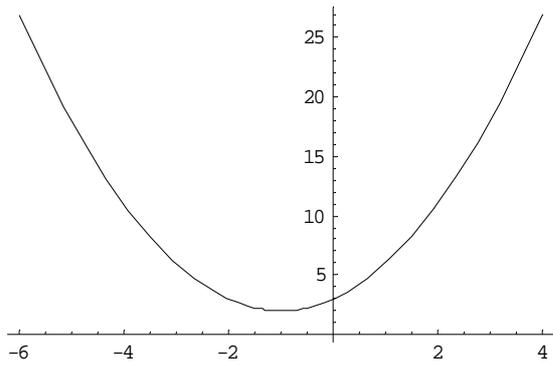
$$f(x) = (x + 2)^2$$



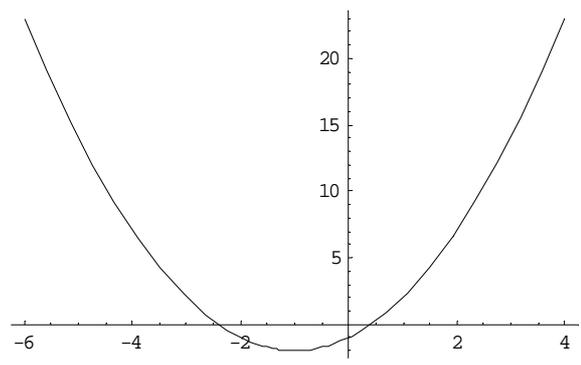
$$f(x) = (x - 2)^2$$



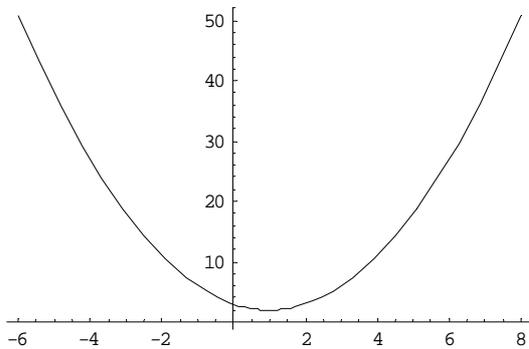
$$f(x) = (x + 1)^2 + 2$$



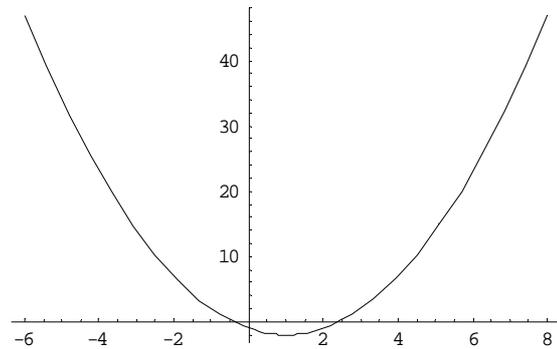
$$f(x) = (x + 1)^2 - 2$$



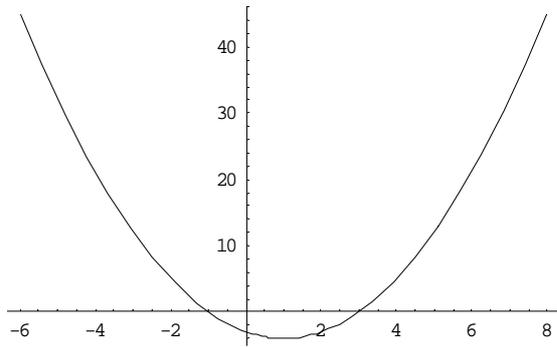
$$f(x) = (x - 1)^2 + 2$$



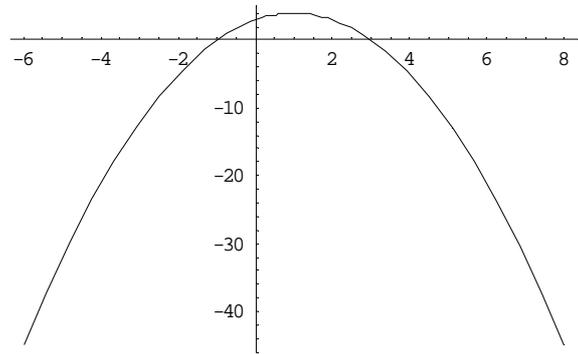
$$f(x) = (x - 1)^2 - 2$$



$$f(x) = x^2 - 2x - 3$$

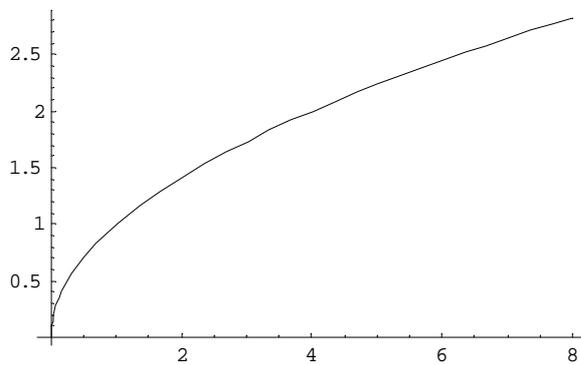


$$f(x) = -x^2 + 2x + 3$$

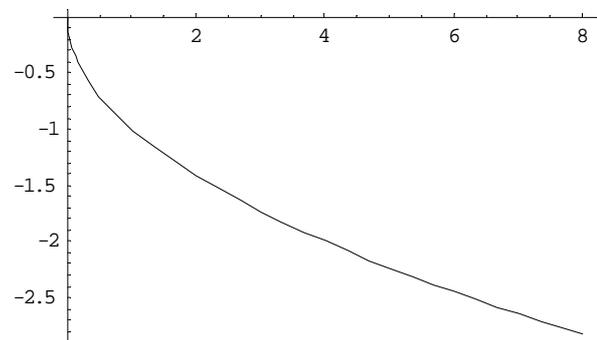


Iracionalna funkcija $f(x) = \sqrt{ax + b}$

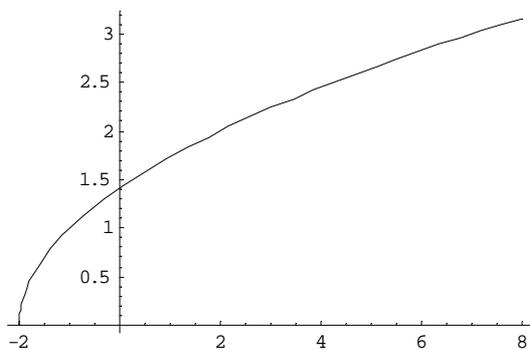
$$f(x) = \sqrt{x}$$



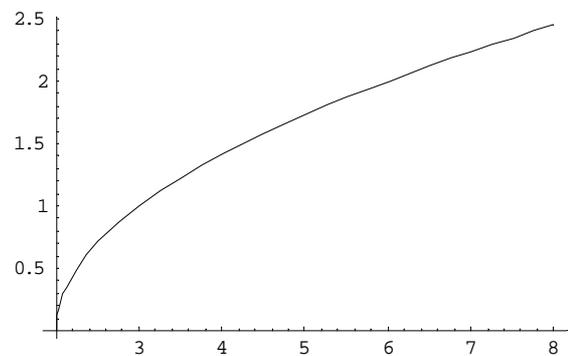
$$f(x) = -\sqrt{x}$$



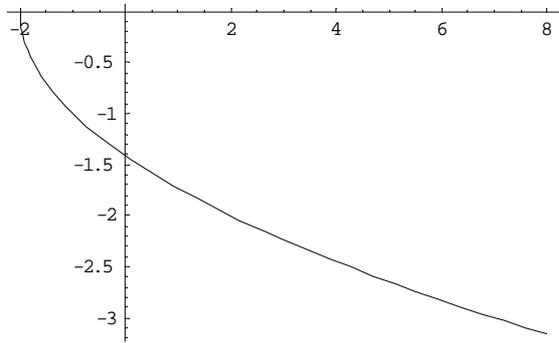
$$f(x) = \sqrt{x+2}$$



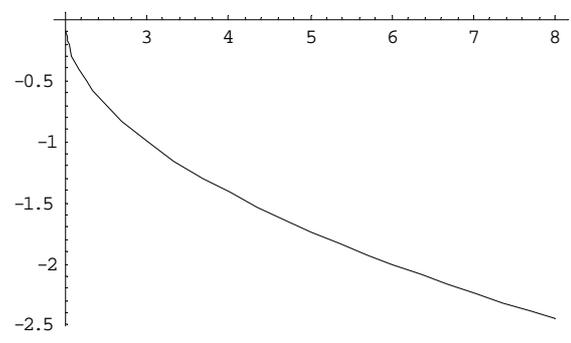
$$f(x) = \sqrt{x-2}$$



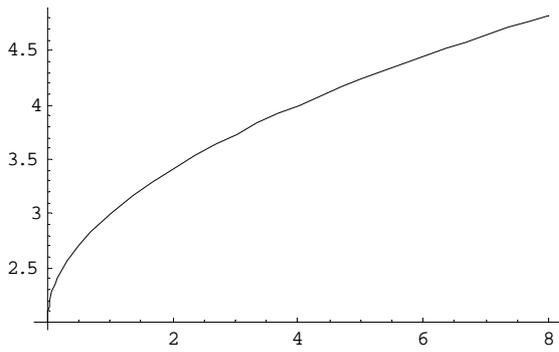
$$f(x) = -\sqrt{x+2}$$



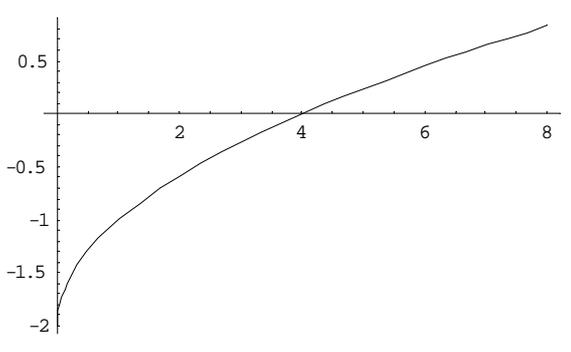
$$f(x) = -\sqrt{x-2}$$



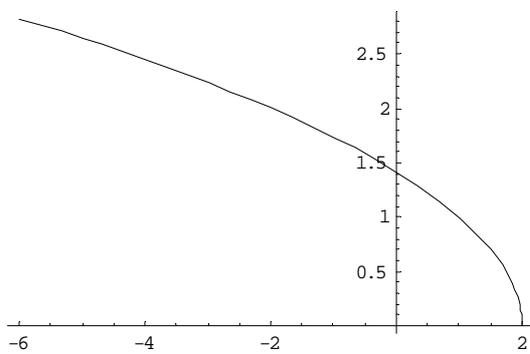
$$f(x) = \sqrt{x} + 2$$



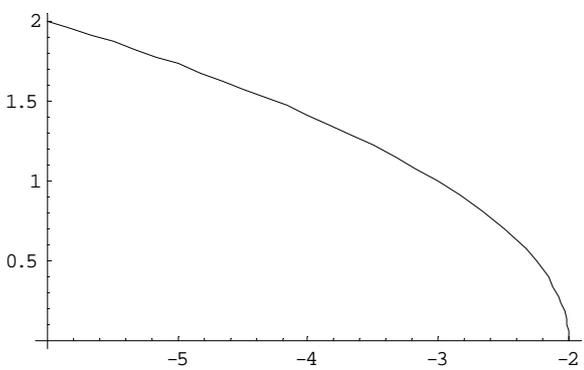
$$f(x) = \sqrt{x} - 2$$



$$f(x) = \sqrt{-x+2}$$

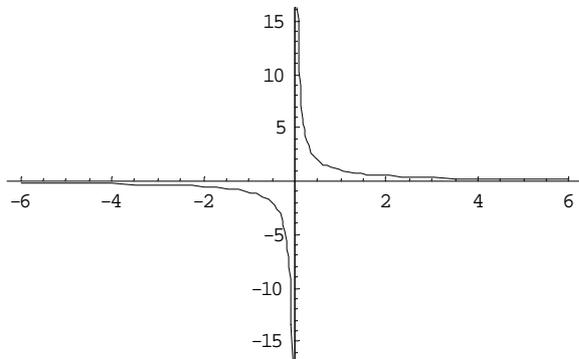


$$f(x) = \sqrt{-x-2}$$

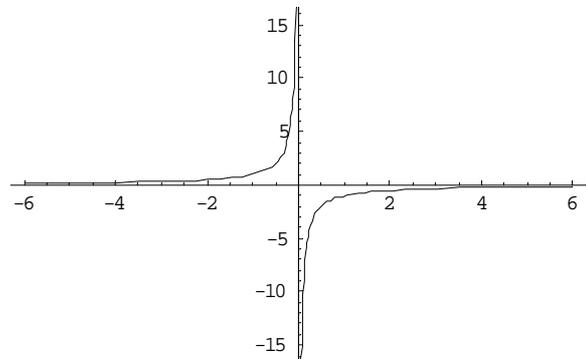


Razlomljena funkcija (istostrana hiperbola) $f(x) = \frac{ax+b}{cx+d}$

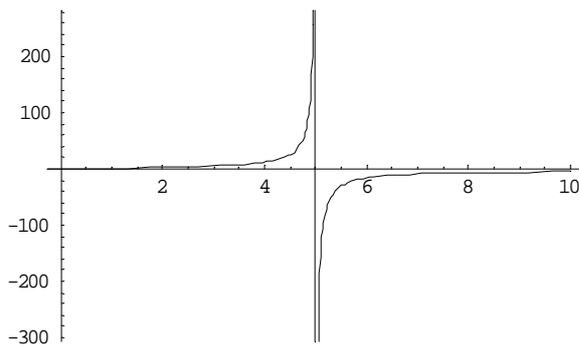
$$f(x) = \frac{1}{x}$$



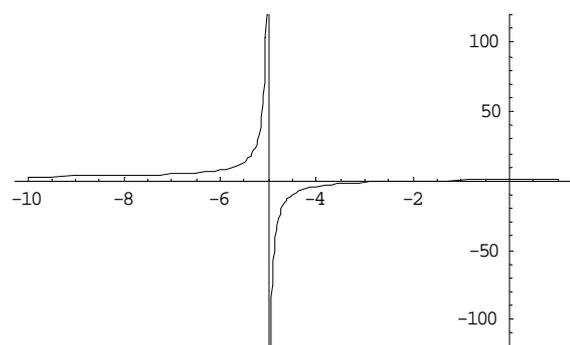
$$f(x) = -\frac{1}{x}$$



$$f(x) = \frac{2x+4}{-x+5}$$

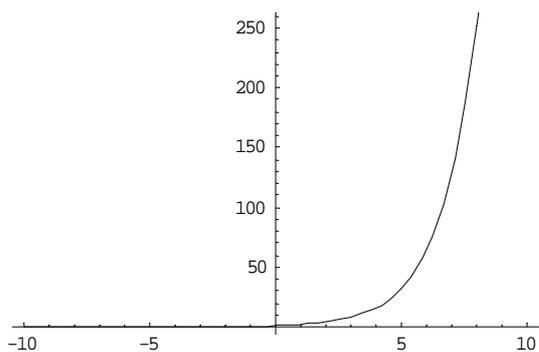


$$f(x) = \frac{2x+4}{x+5}$$

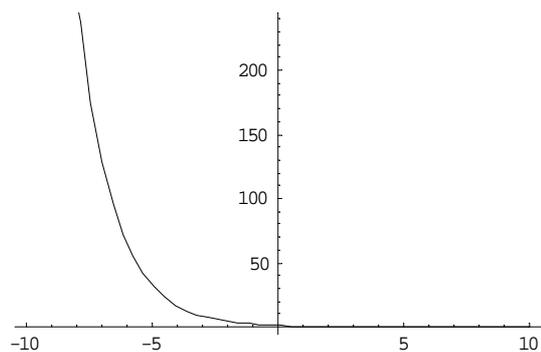


Eksponencijalna funkcija $f(x) = a^x$

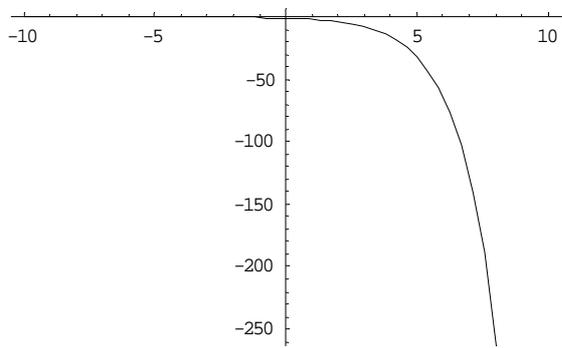
$$f(x) = 2^x$$



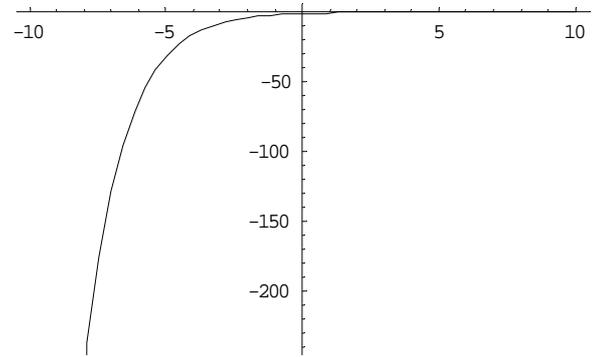
$$f(x) = 2^{-x}$$



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

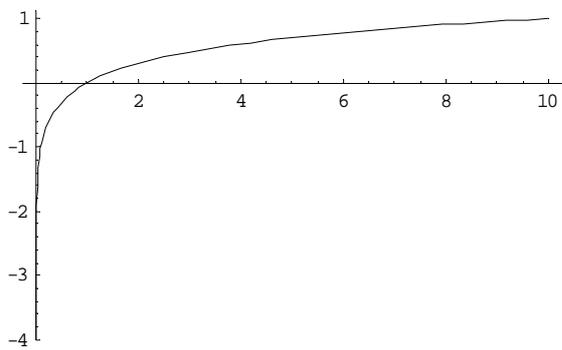


$$f(x) = -2^{-x}$$

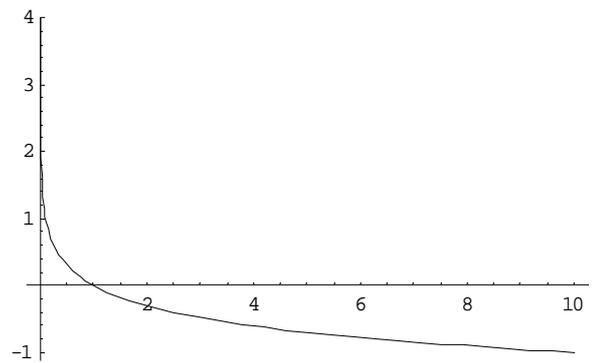


Logaritamska funkcija $f(x) = \log_a x$

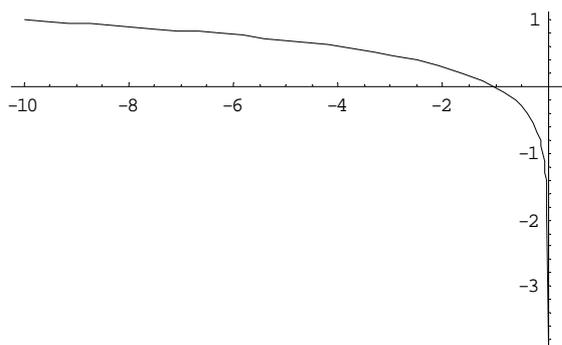
$$f(x) = \log x$$



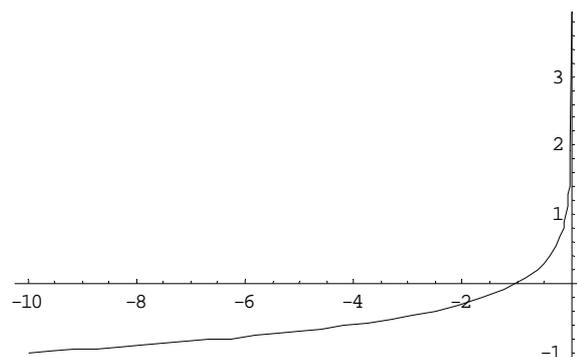
$$f(x) = -\log x$$



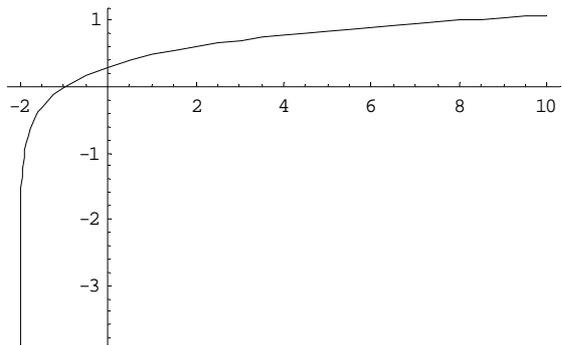
$$f(x) = \log(-x)$$



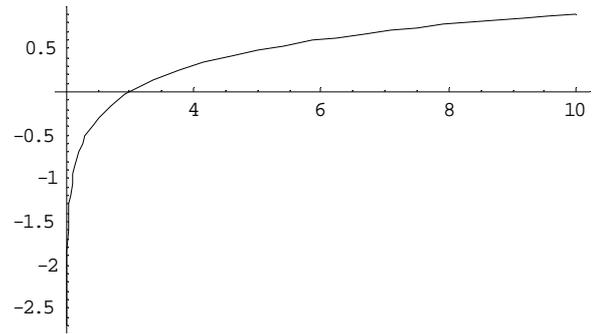
$$f(x) = -\log(-x)$$



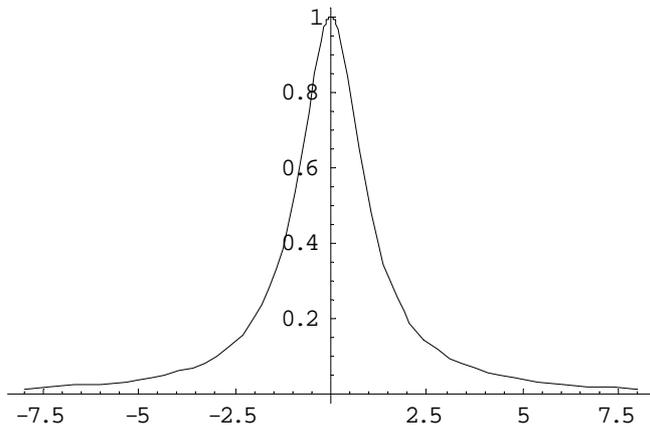
$$f(x) = \log(x + 2)$$



$$f(x) = \log(x - 2)$$



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



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

