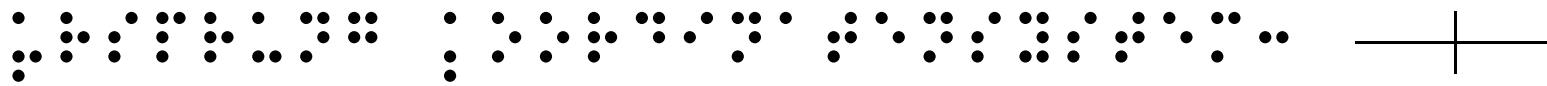
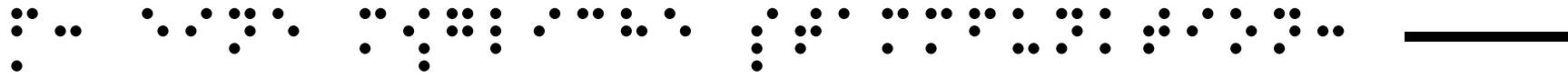
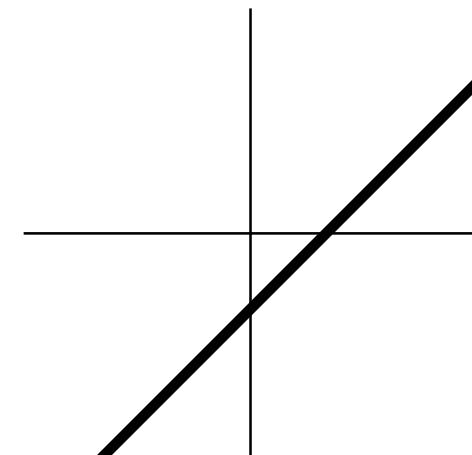
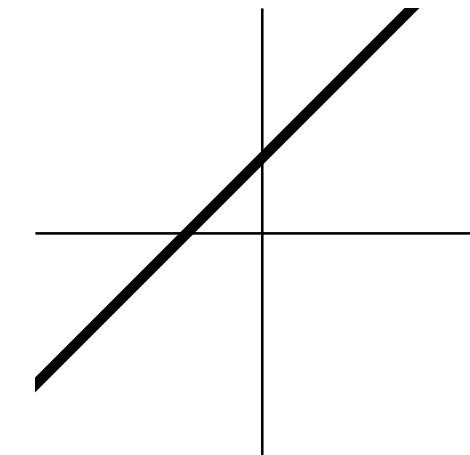
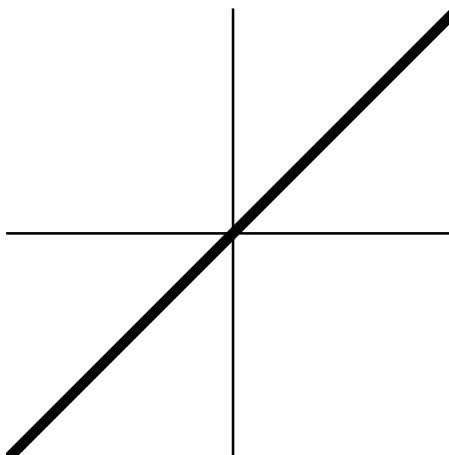
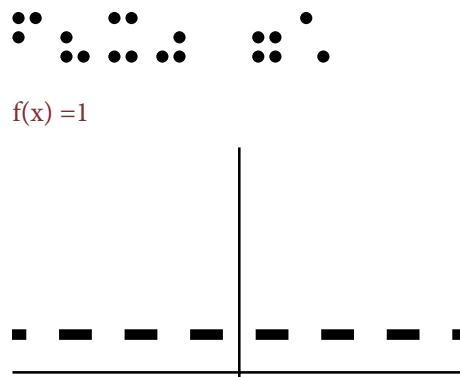
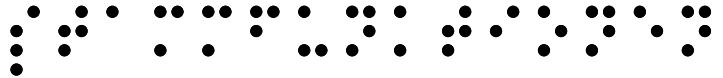


Stammfunktionen, 1/10



f ... Funktion F ... eine mögliche Stammfunktion

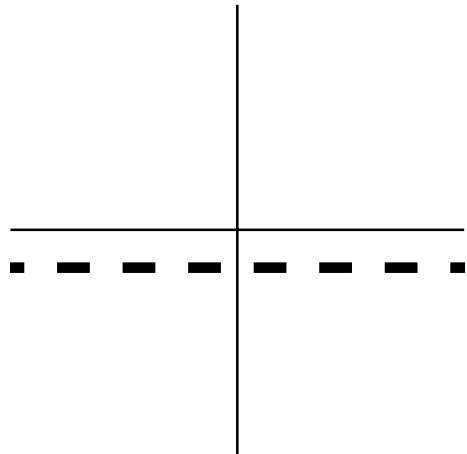




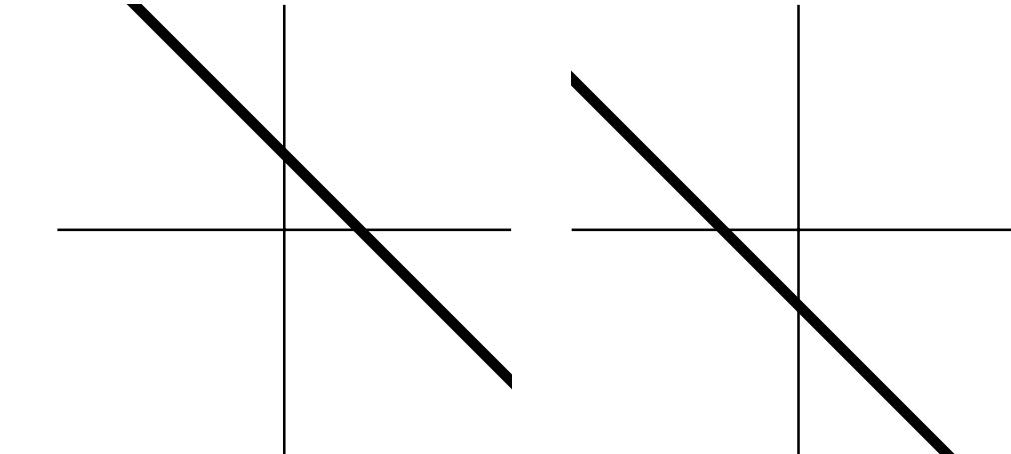
Stammfunktionen, 2/10



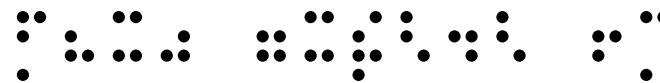
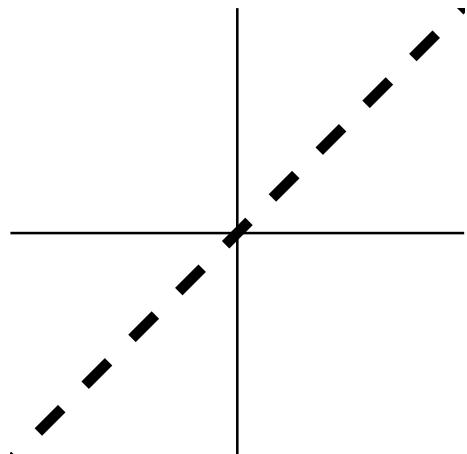
$$f(x) = -1$$



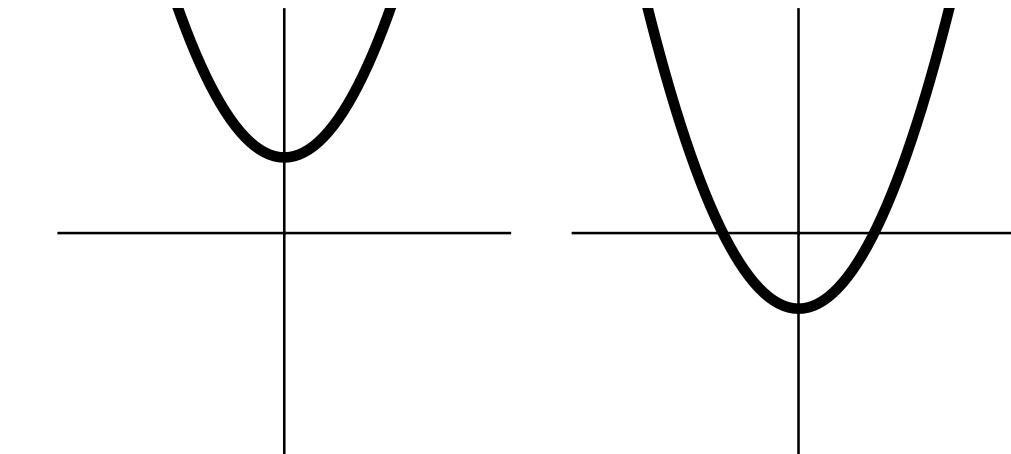
$$F(x) = -x + C$$

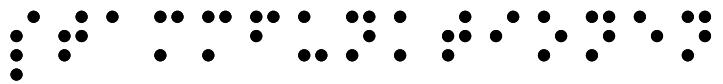


$$f(x) = x$$



$$F(x) = x^2/2 + C$$

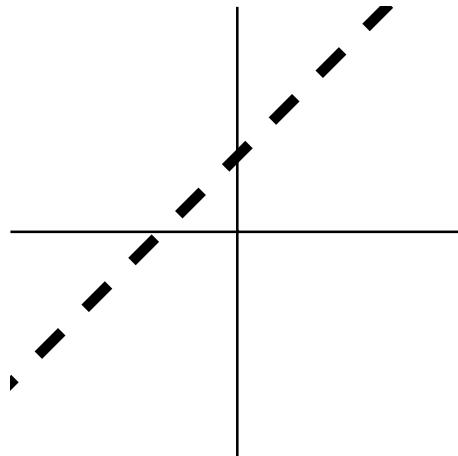




Stammfunktionen, 3/10

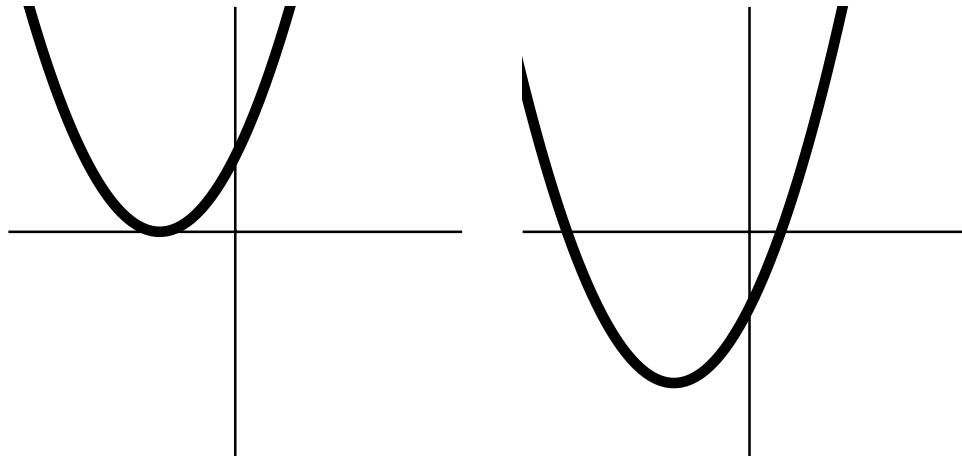
Funktionsgraphen

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



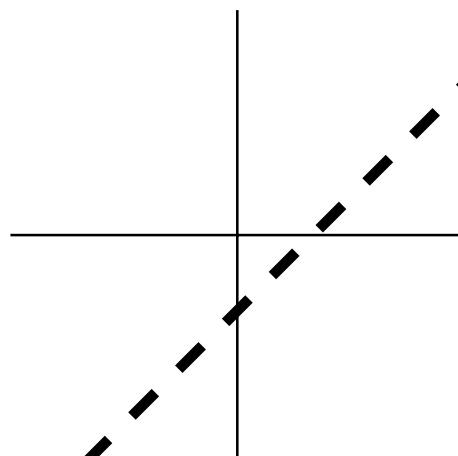
Funktionsgraphen

$$F(x) = \frac{x^2}{2} + 2x + C$$



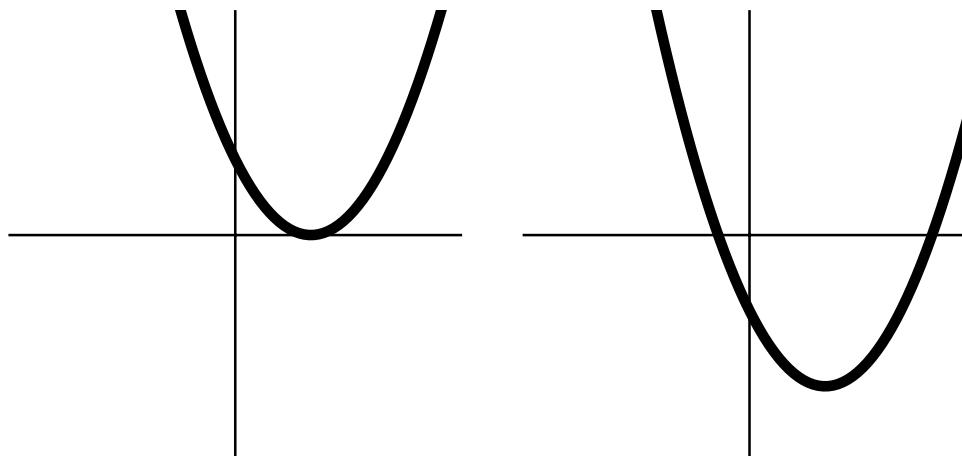
Funktionsgraphen

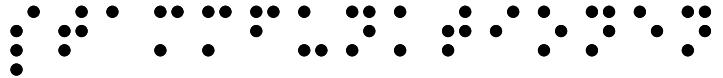
$$f(x) = x - 2$$



Funktionsgraphen

$$F(x) = \frac{x^2}{2} - 2x + C$$

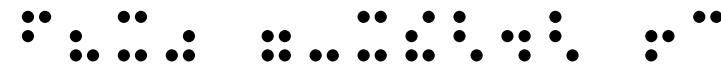
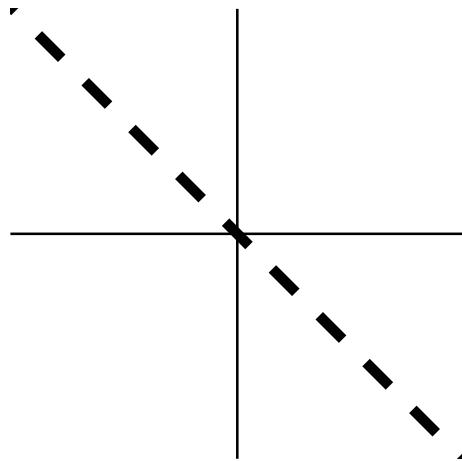




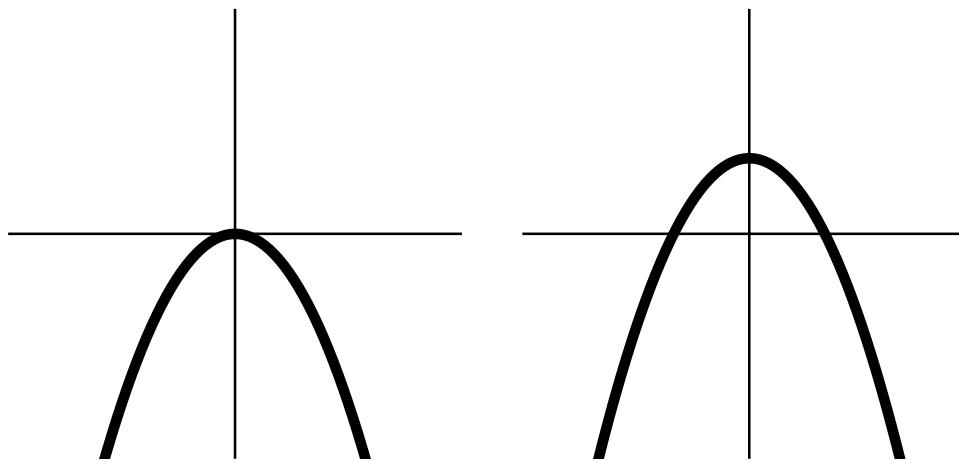
Stammfunktionen, 4/10



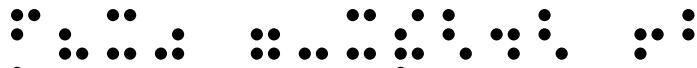
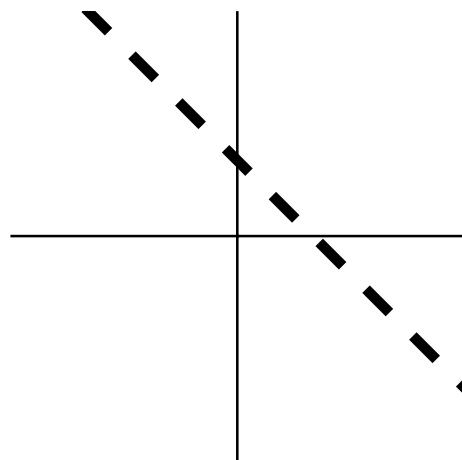
$$f(x) = -x$$



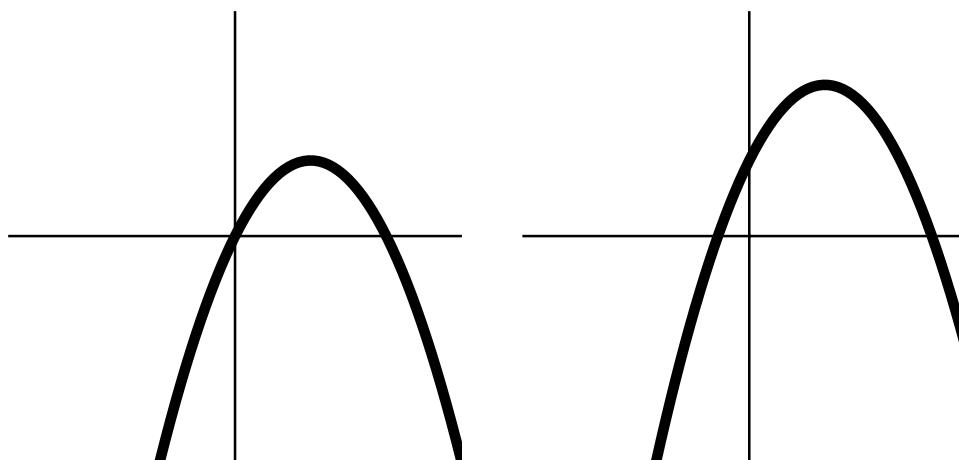
$$F(x) = -x^2/2 + C$$



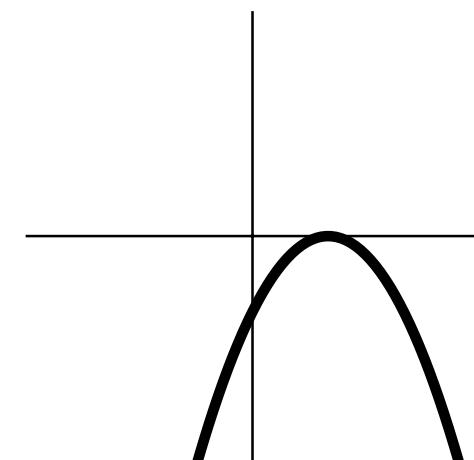
$$f(x) = -x + 2$$

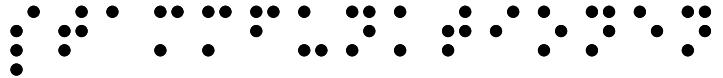


$$F(x) = -x^2/2 + 2x + C$$



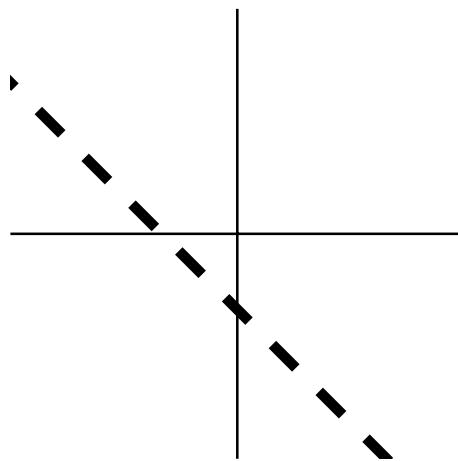
$$F(x) = -x^2/2 + 2x + C$$



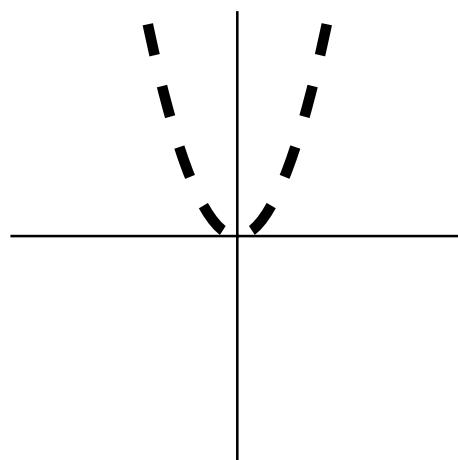


Stammfunktionen, 5/10

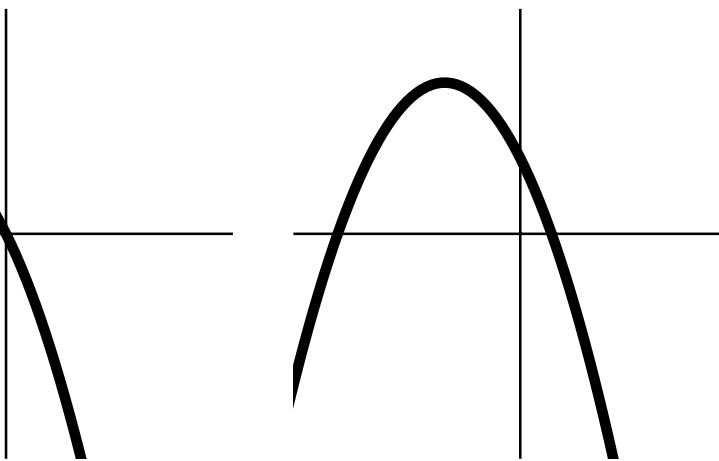
Für $f(x) = -x - 2$



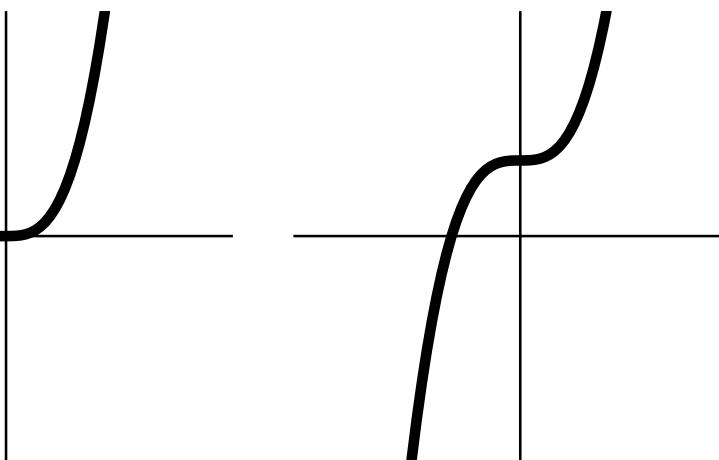
Für $f(x) = x^2$

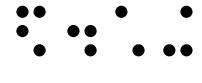
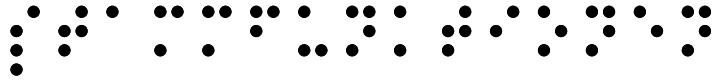


Für $f(x) = -x^2/2 - 2x + C$



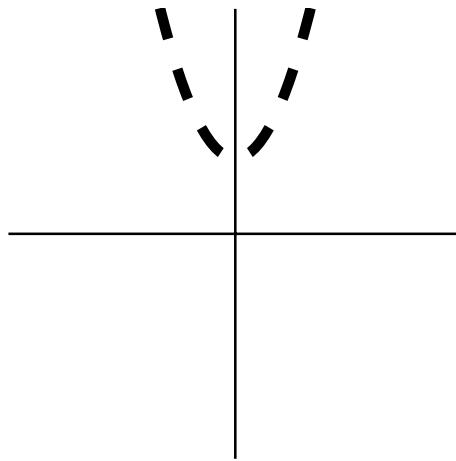
Für $f(x) = x^3/3 + C$



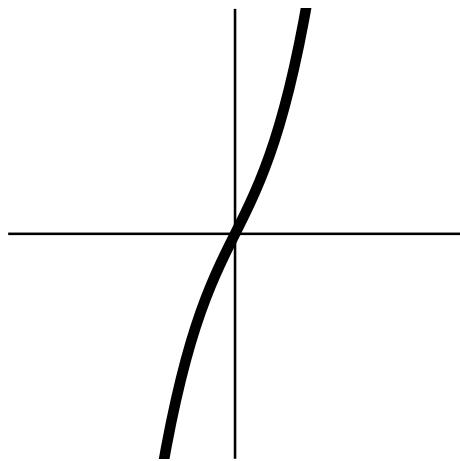


Stammfunktionen, 6/10

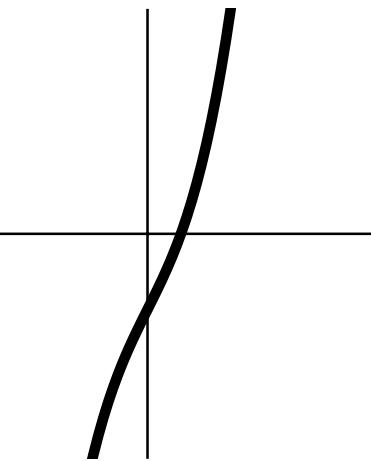
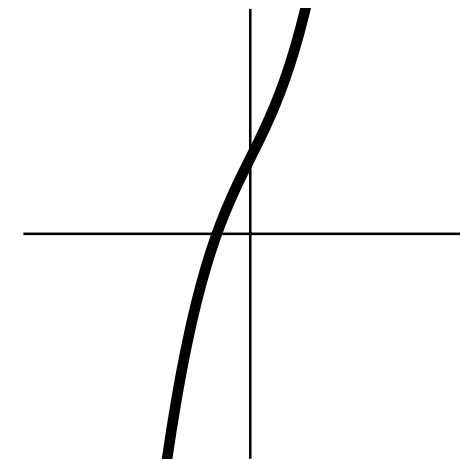
Für $f(x) = x^2 + 2$



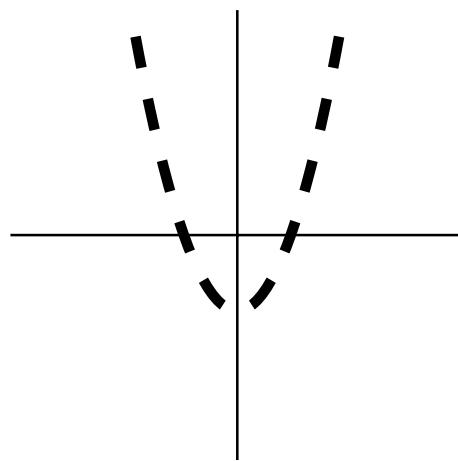
Für $F(x) = x^3/3 + 2x + C$



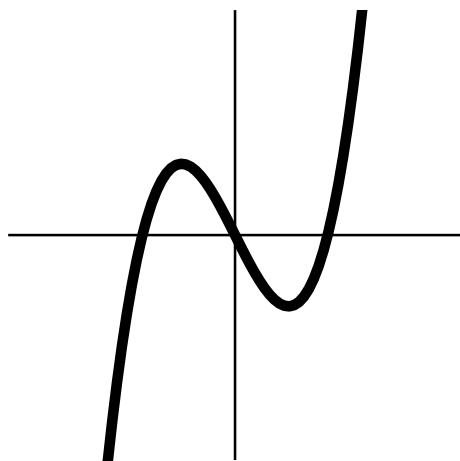
$$F(x) = x^3/3 + 2x + C$$



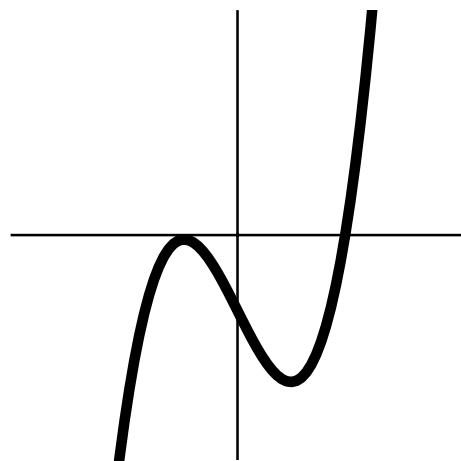
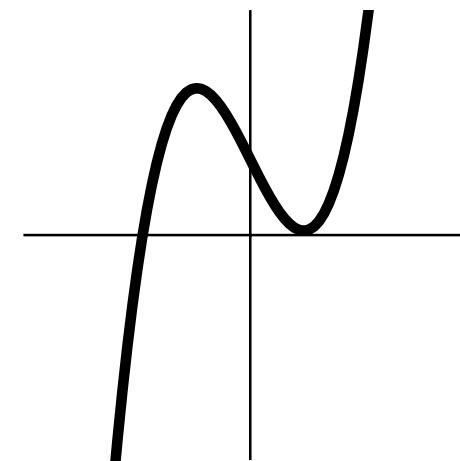
Für $f(x) = x^2 - 2$

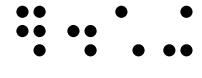
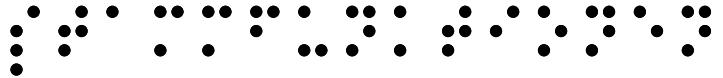


Für $F(x) = x^3/3 - 2x + C$



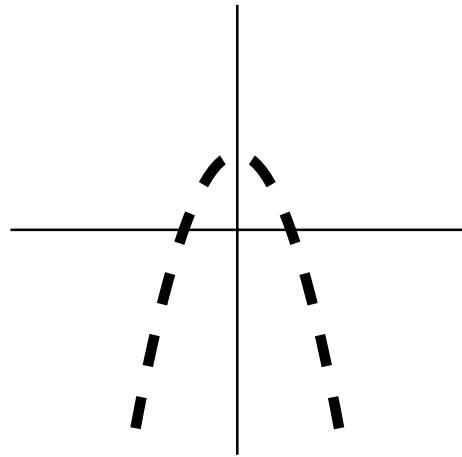
$$F(x) = x^3/3 - 2x + C$$



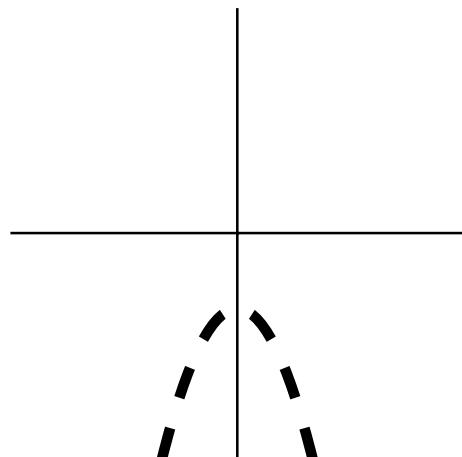


Stammfunktionen, 7/10

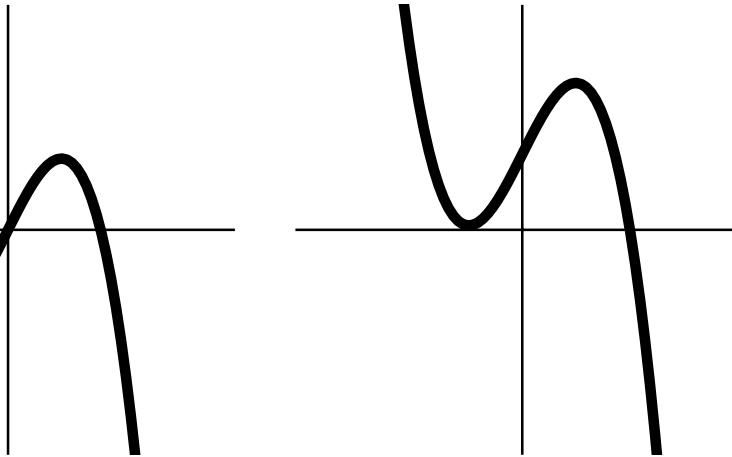
Für $f(x) = -x^2 + 2$



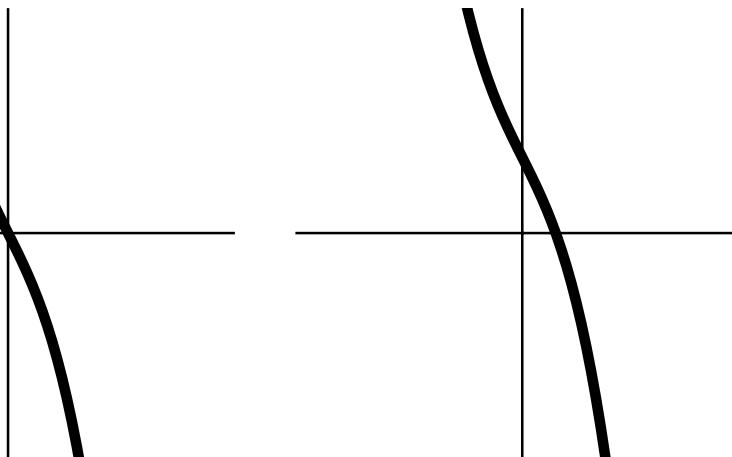
Für $f(x) = -x^2 - 2$

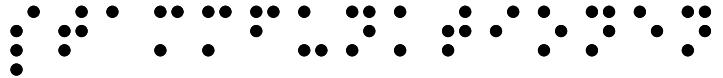


Für $f(x) = -x^3/3 + 2x + C$

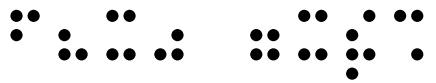


Für $f(x) = -x^3/3 - 2x + C$

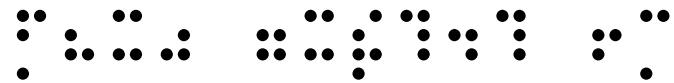
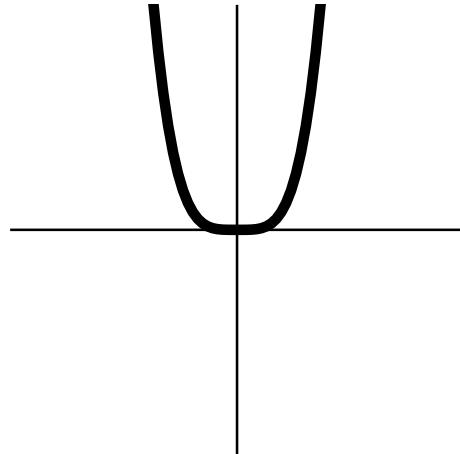
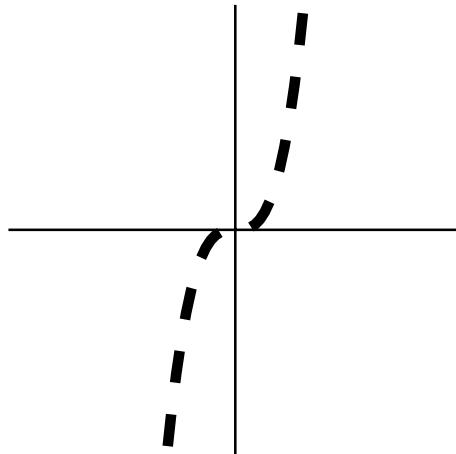




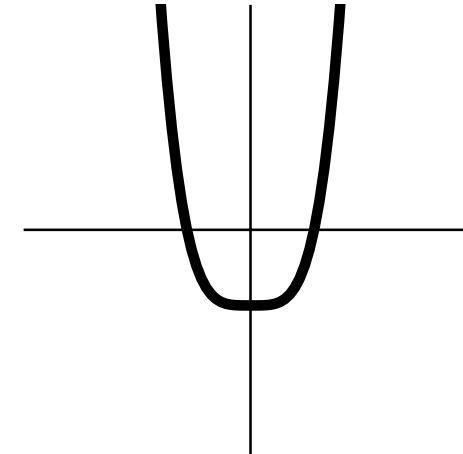
Stammfunktionen, 8/10



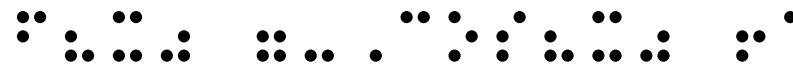
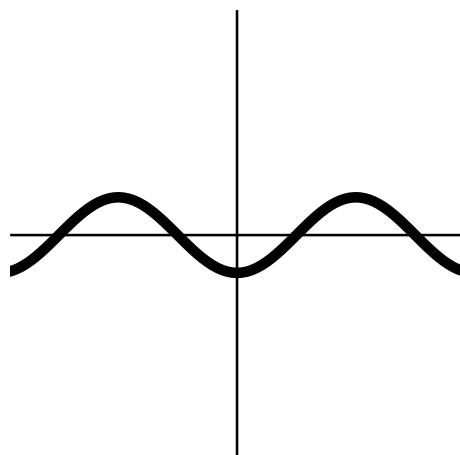
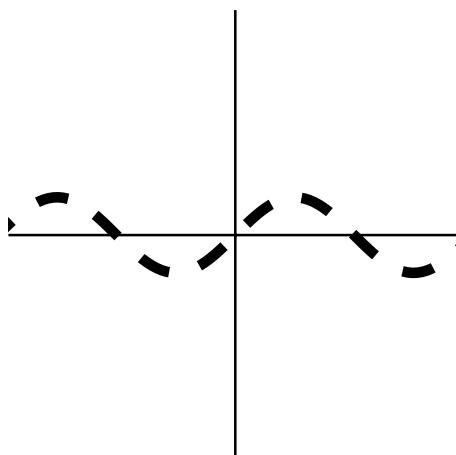
$$f(x) = x^3$$



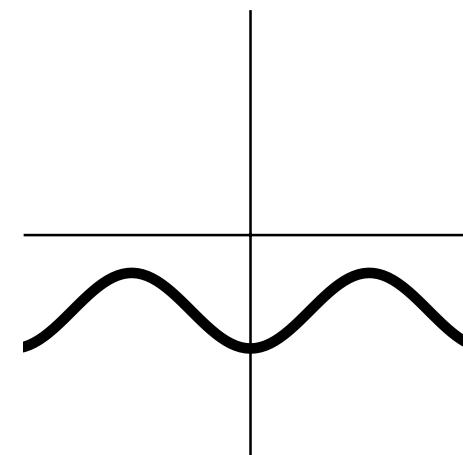
$$F(x) = x^4/4 + C$$

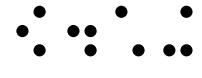
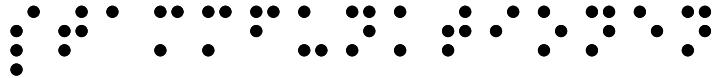


$$f(x) = \sin(x)$$



$$F(x) = -\cos(x) + C$$

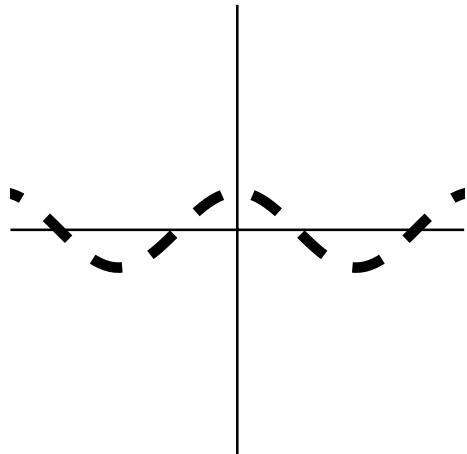




Stammfunktionen, 9/10

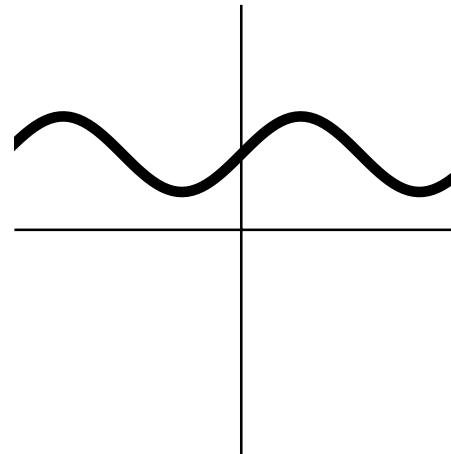
Für $f(x)$ gilt: $\int f(x) dx = F(x) + C$

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



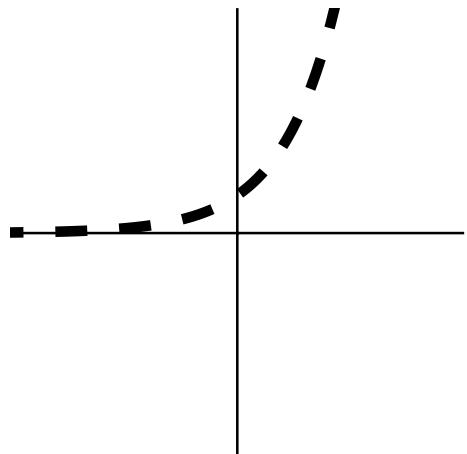
Für $f(x)$ gilt: $\int f(x) dx = F(x) + C$

$$F(x) = \sin(x) + C$$



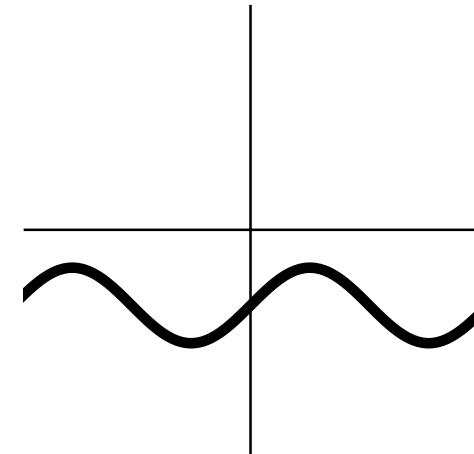
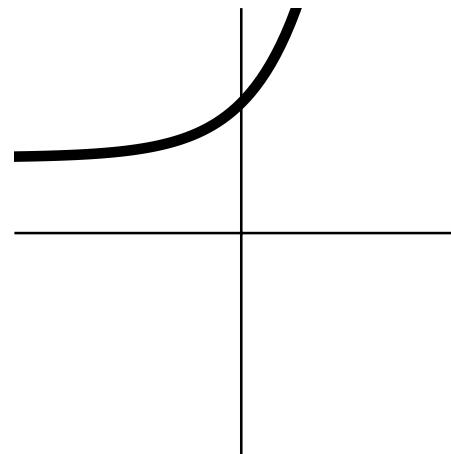
Für $f(x)$ gilt: $\int f(x) dx = F(x) + C$

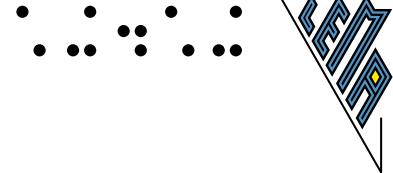
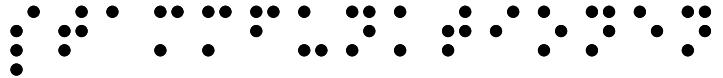
$$f(x) = 2^x$$



Für $f(x)$ gilt: $\int f(x) dx = F(x) + C$

$$F(x) = 2^x / \ln(2) + C$$

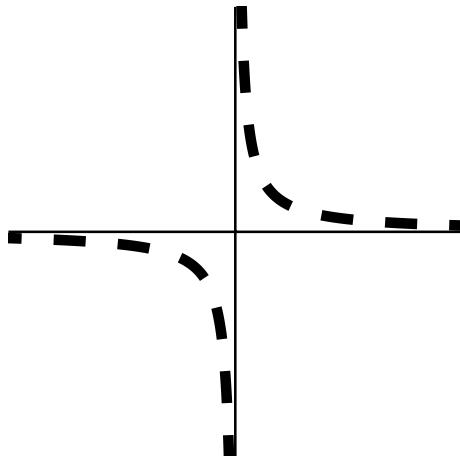




Stammfunktionen, 10/10

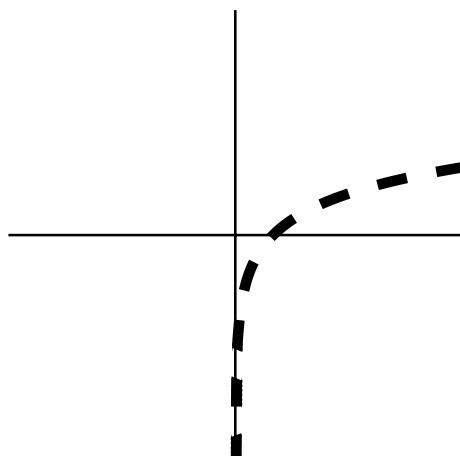
Funktionsgraphen

$$f(x) = 1/x$$



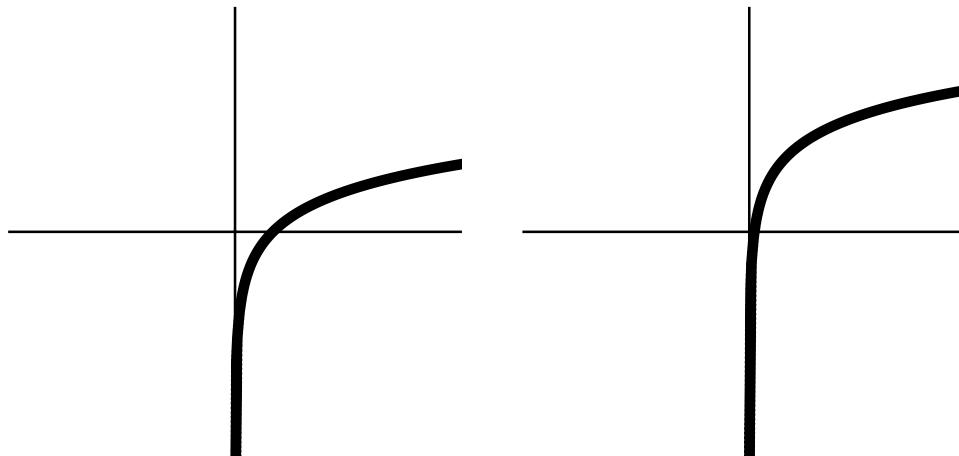
Funktionsgraphen

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



Funktionsgraphen

$$F(x) = \ln(x) + C$$



Funktionsgraphen

$$F(x) = x \cdot \ln(x) - x + C$$

