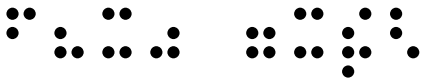
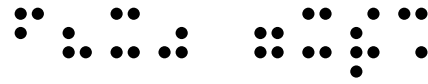
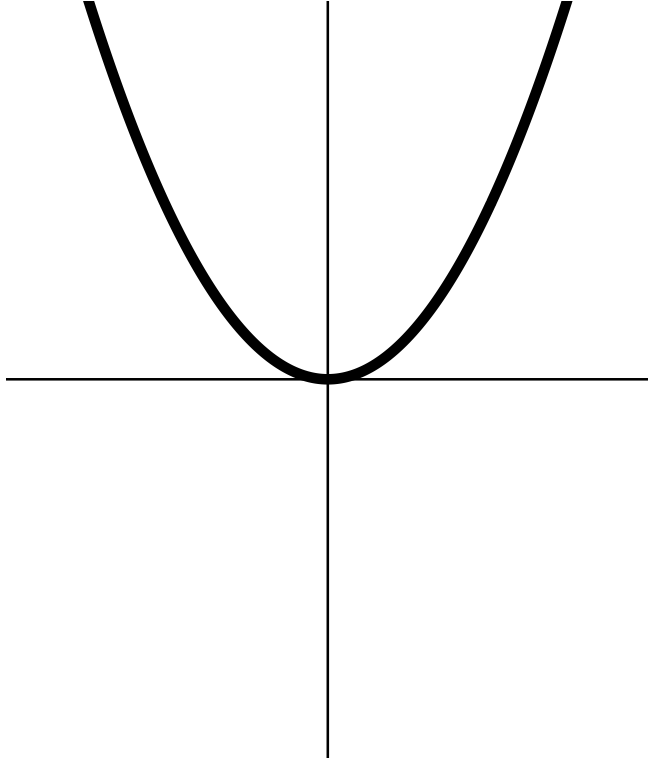


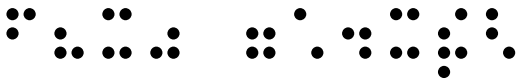
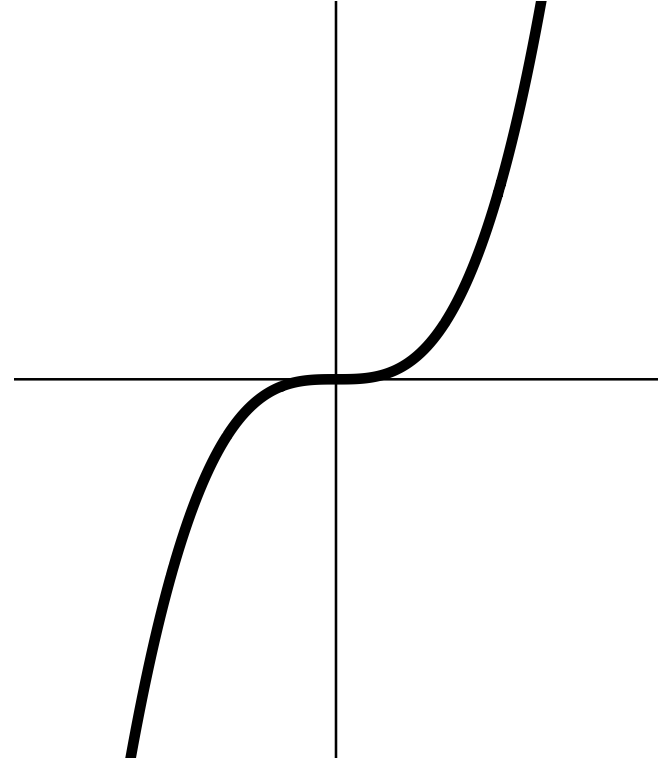
RF typische Potenzfunktionen, 1/16



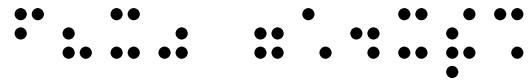
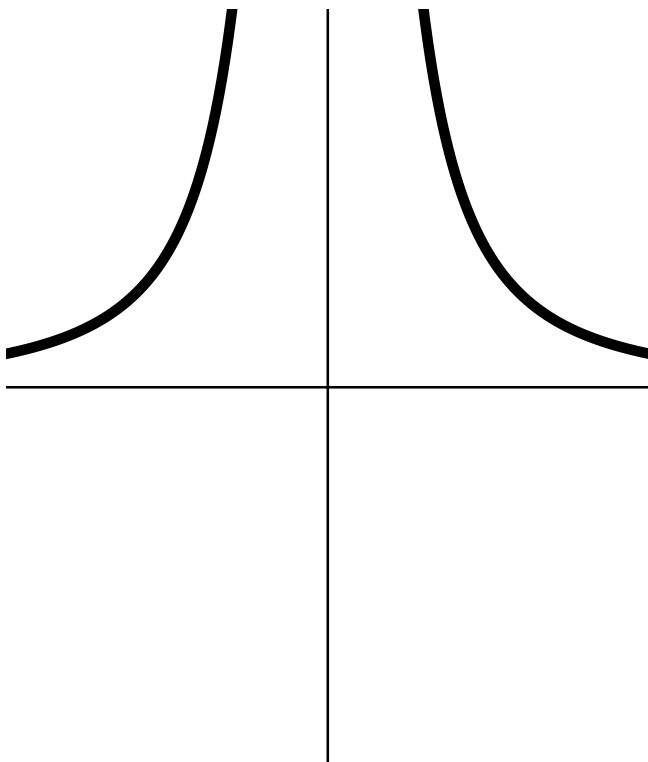
$f(x) = x^2$



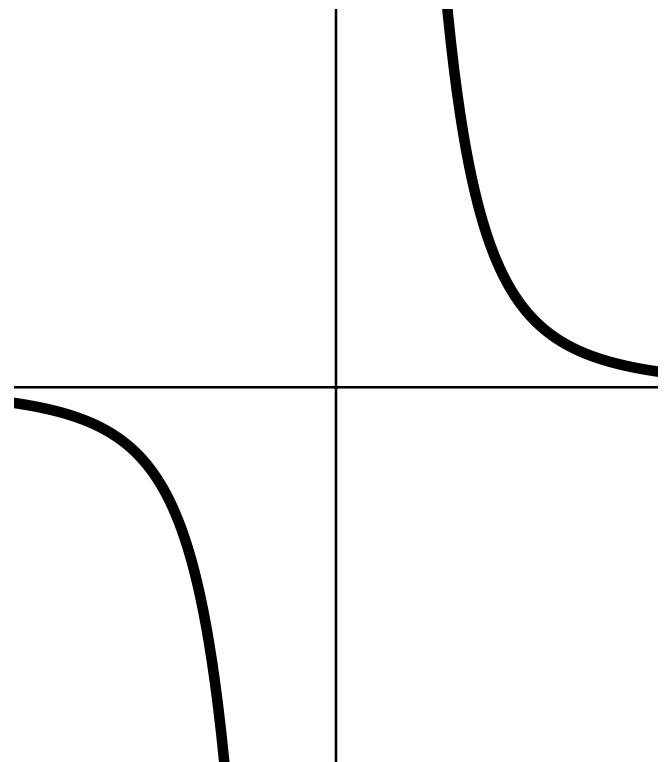
$f(x) = x^3$

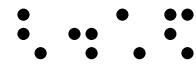
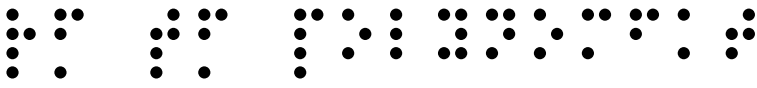


$f(x) = 1/x^2$



$f(x) = 1/x^3$

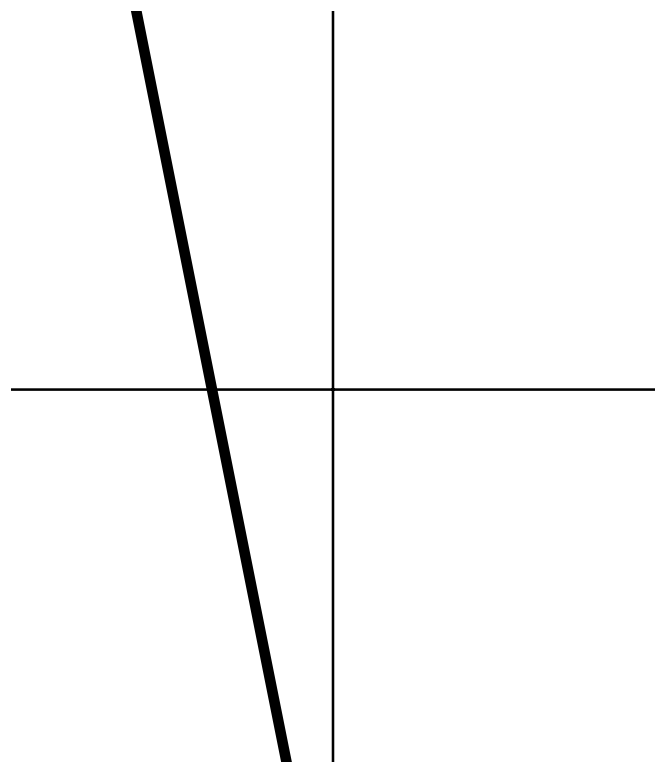
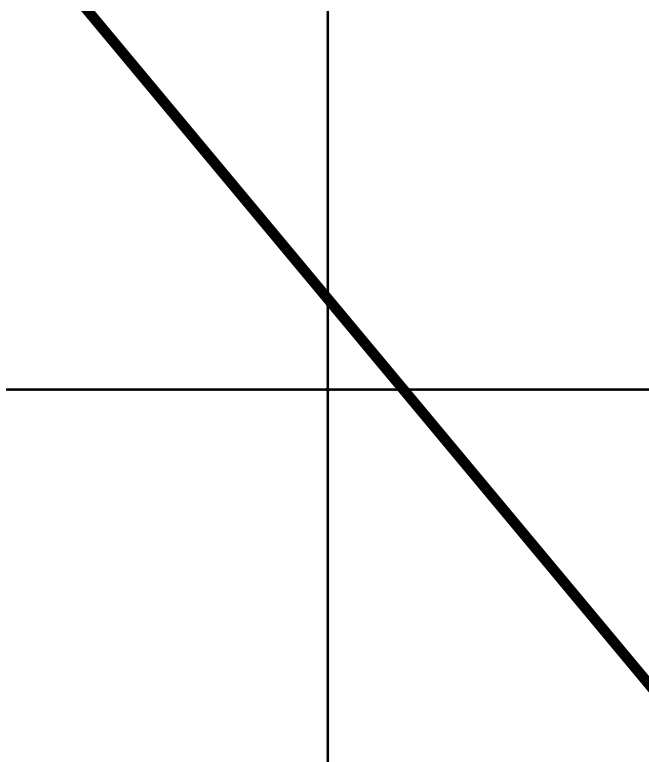
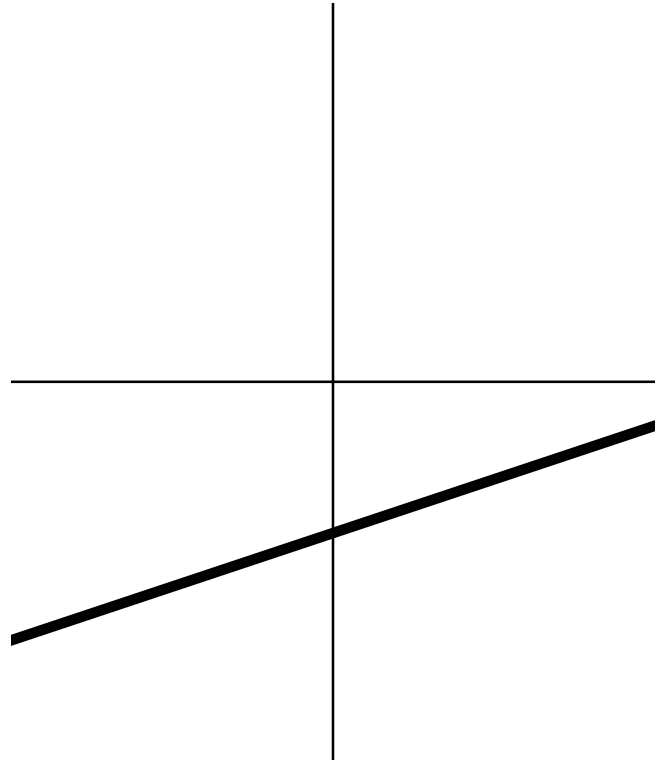
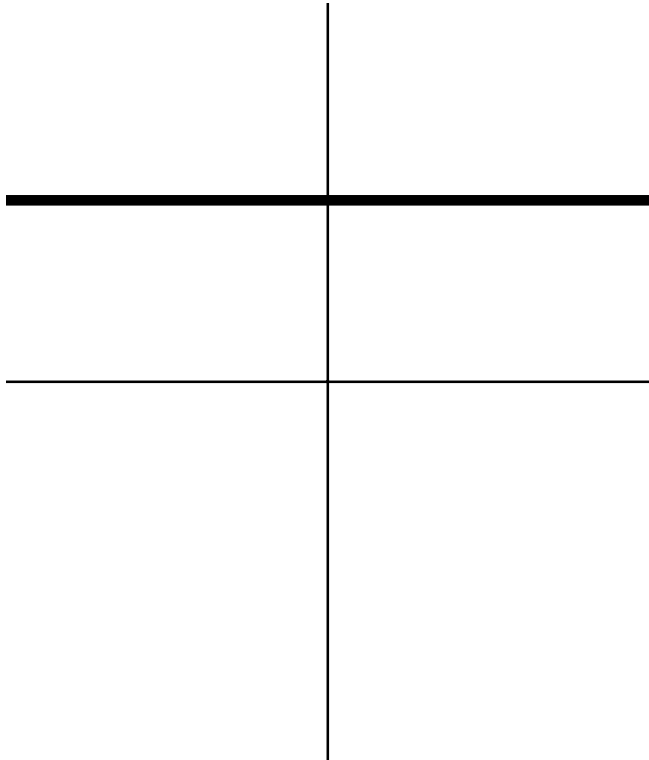


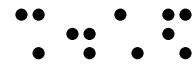
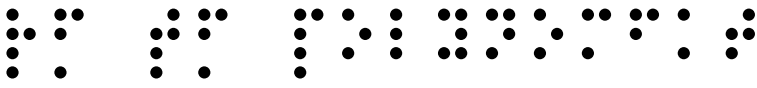


RF typische Polynomfunktionen, 2/16



Grad 1: Gerade

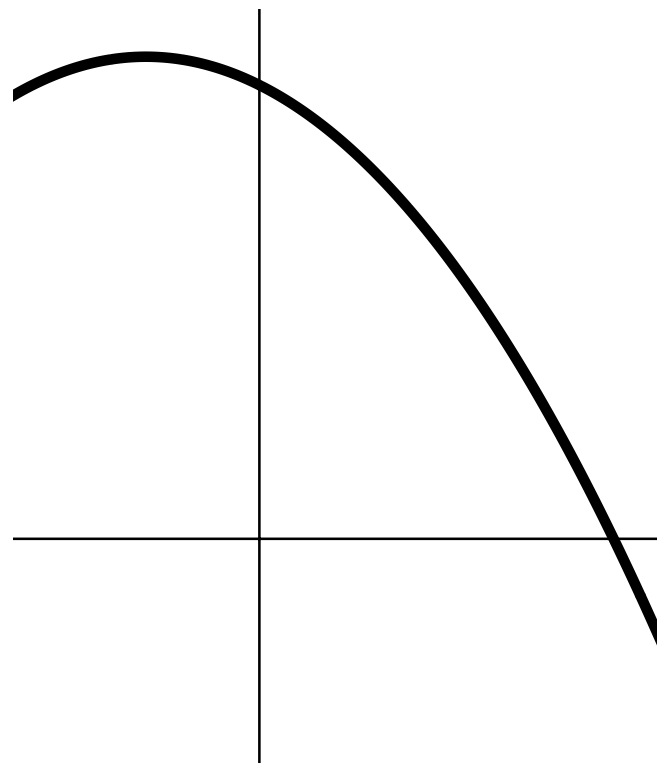
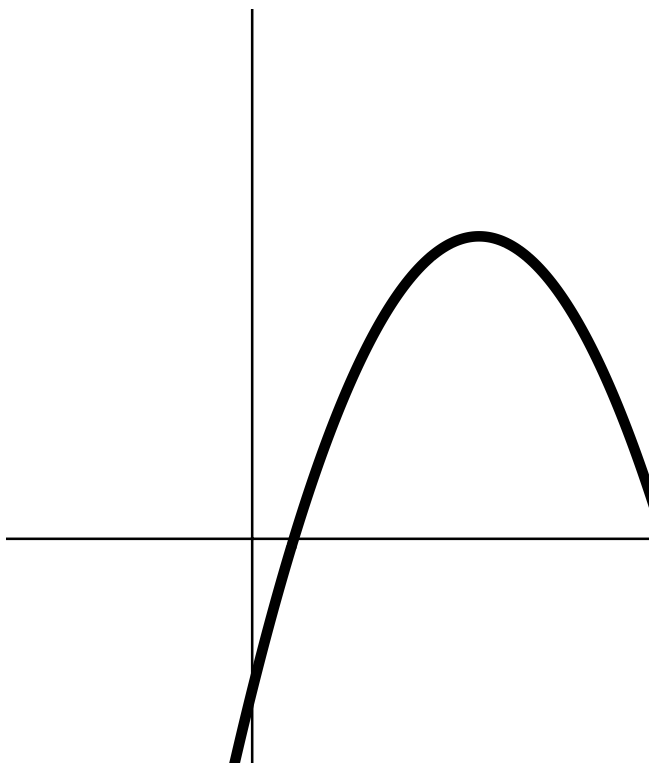
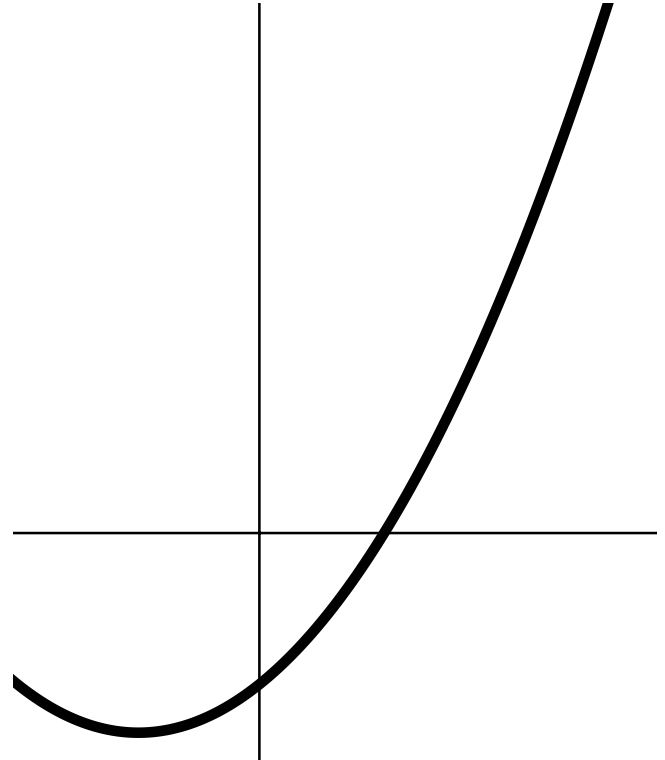
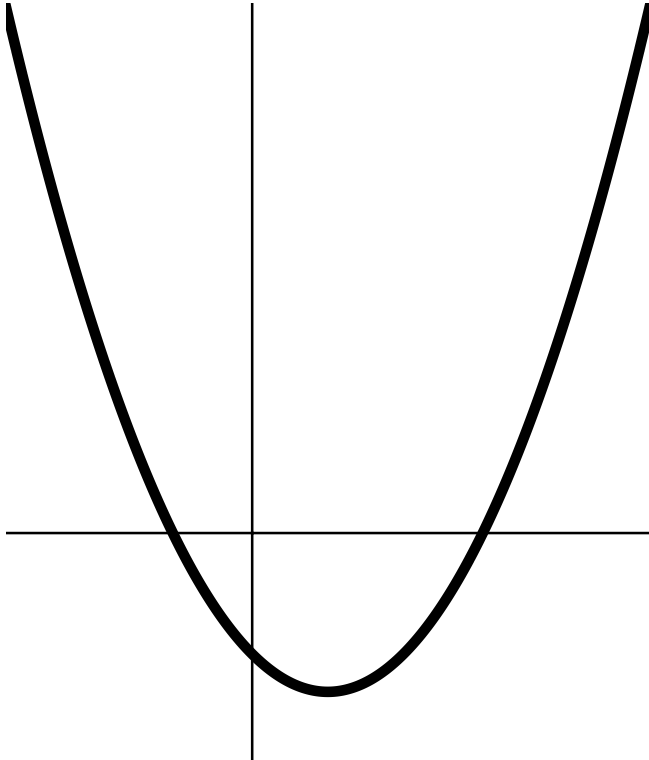


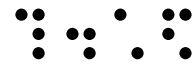
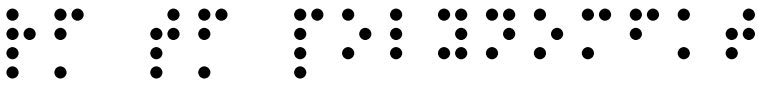


RF typische Polynomfunktionen, 3/16

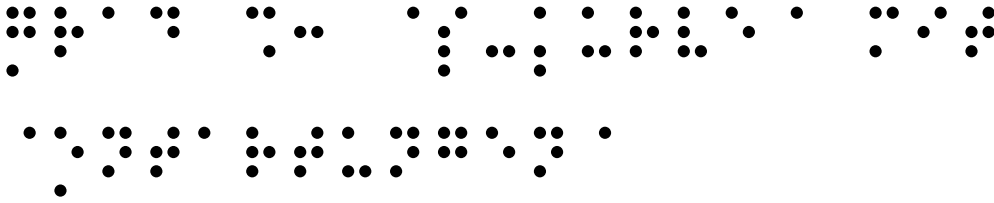


Grad 2: Parabel

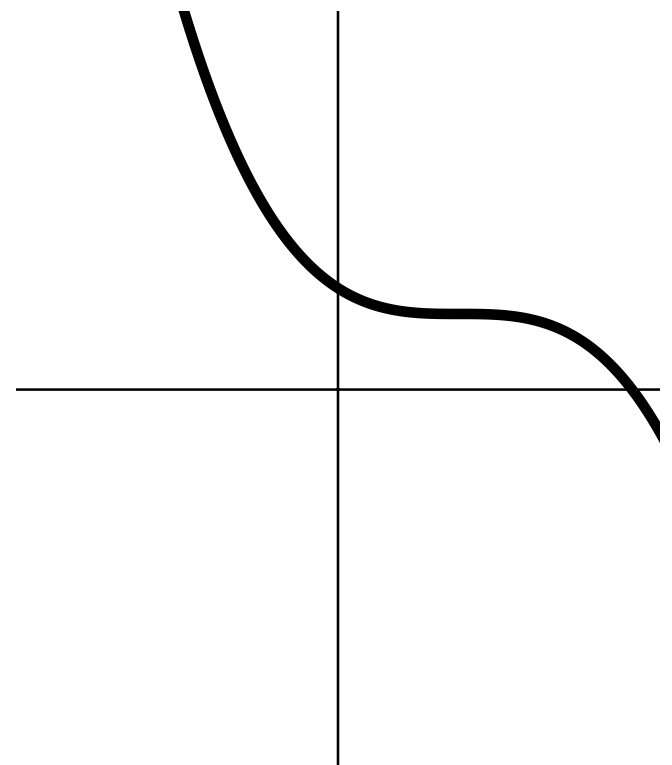
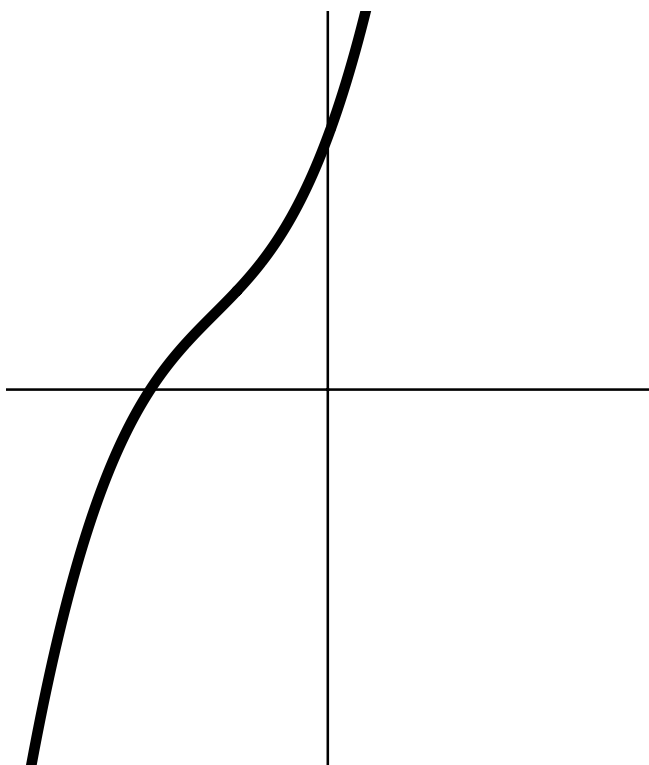
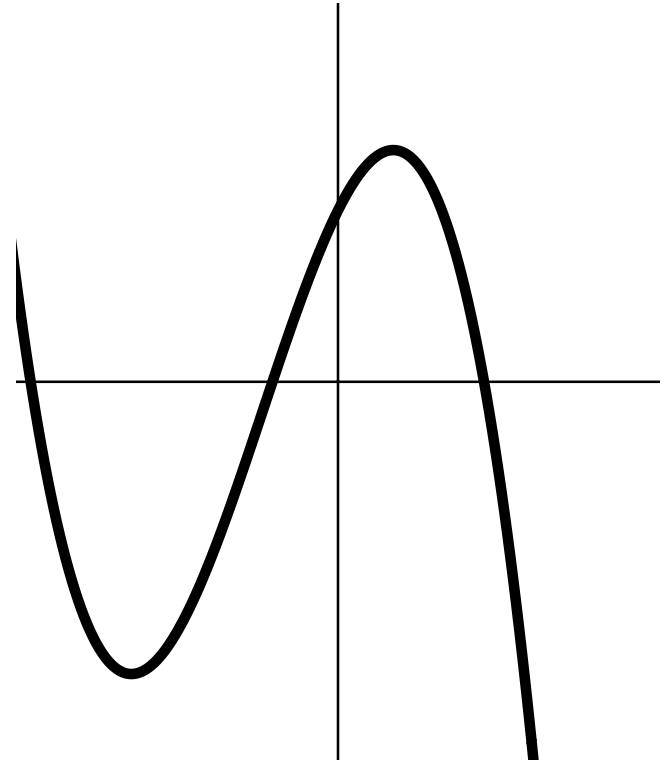
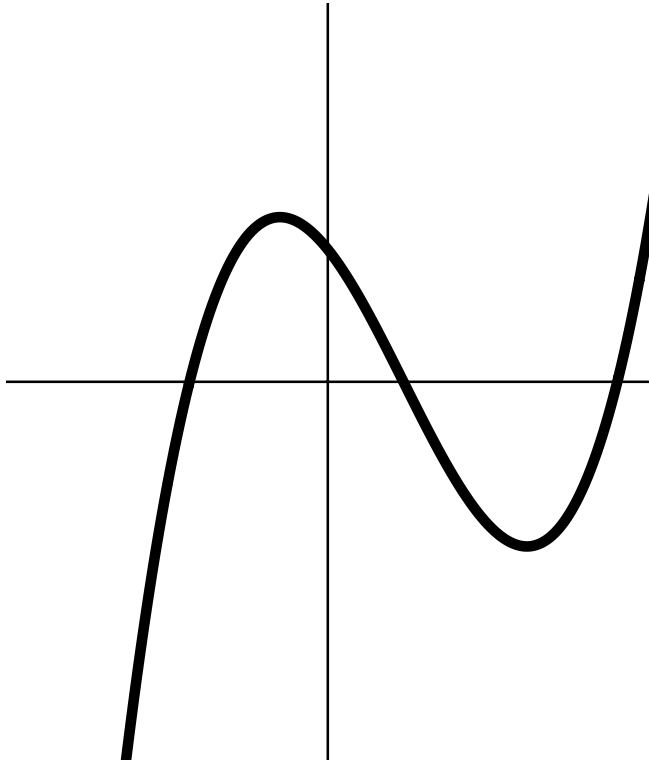


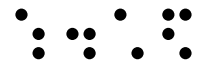
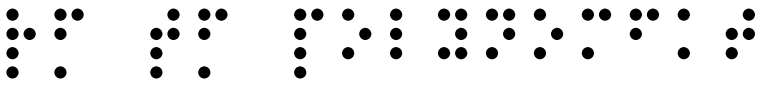


RF typische Polynomfunktionen, 4/16

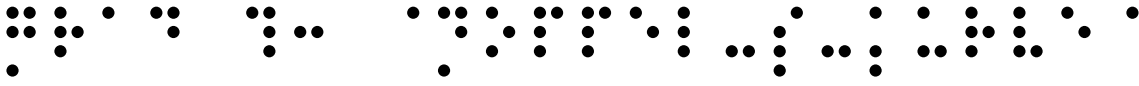


Grad 3: „S-Kurve“ mit „Entartungen“

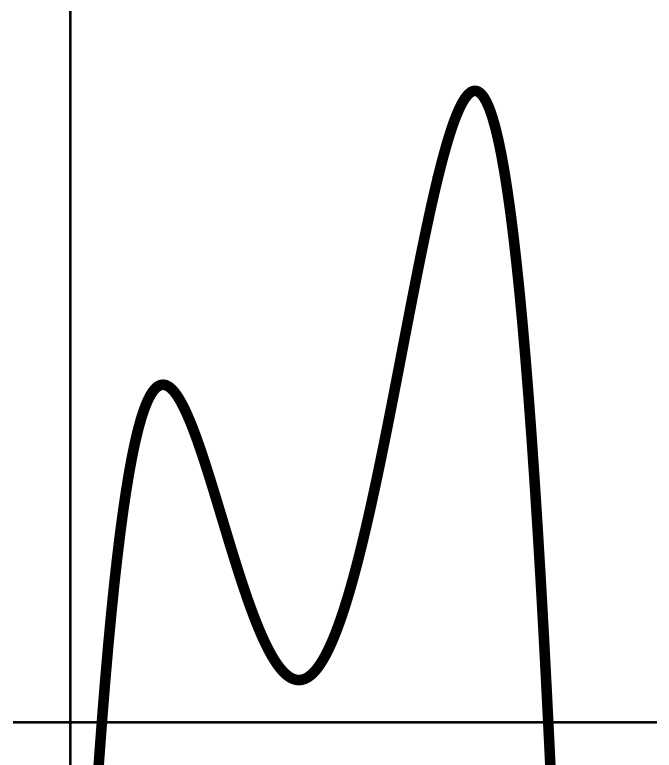
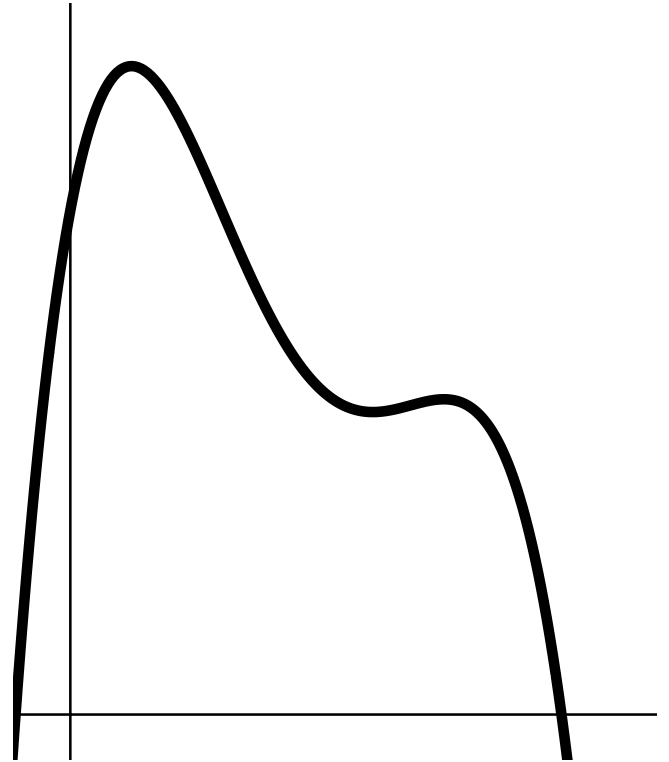
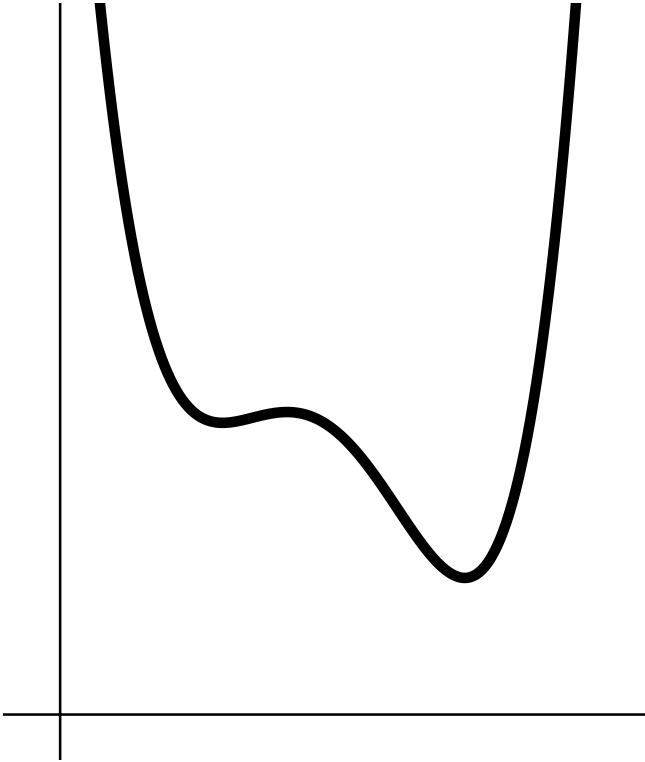


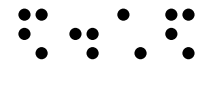
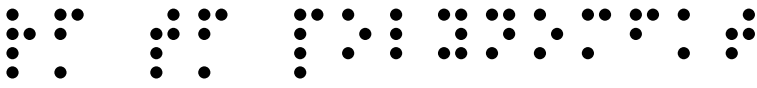


RF typische Polynomfunktionen, 5/16

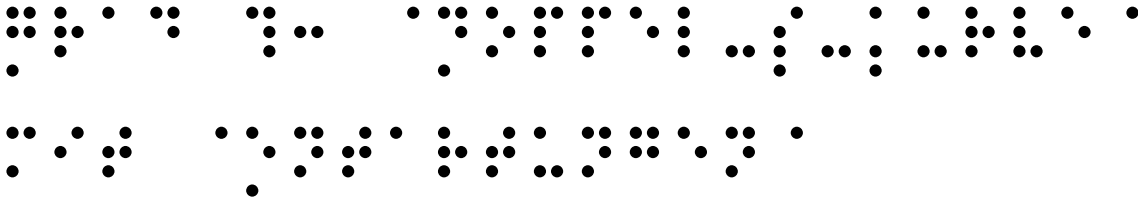


Grad 4: „Doppel-S-Kurve“

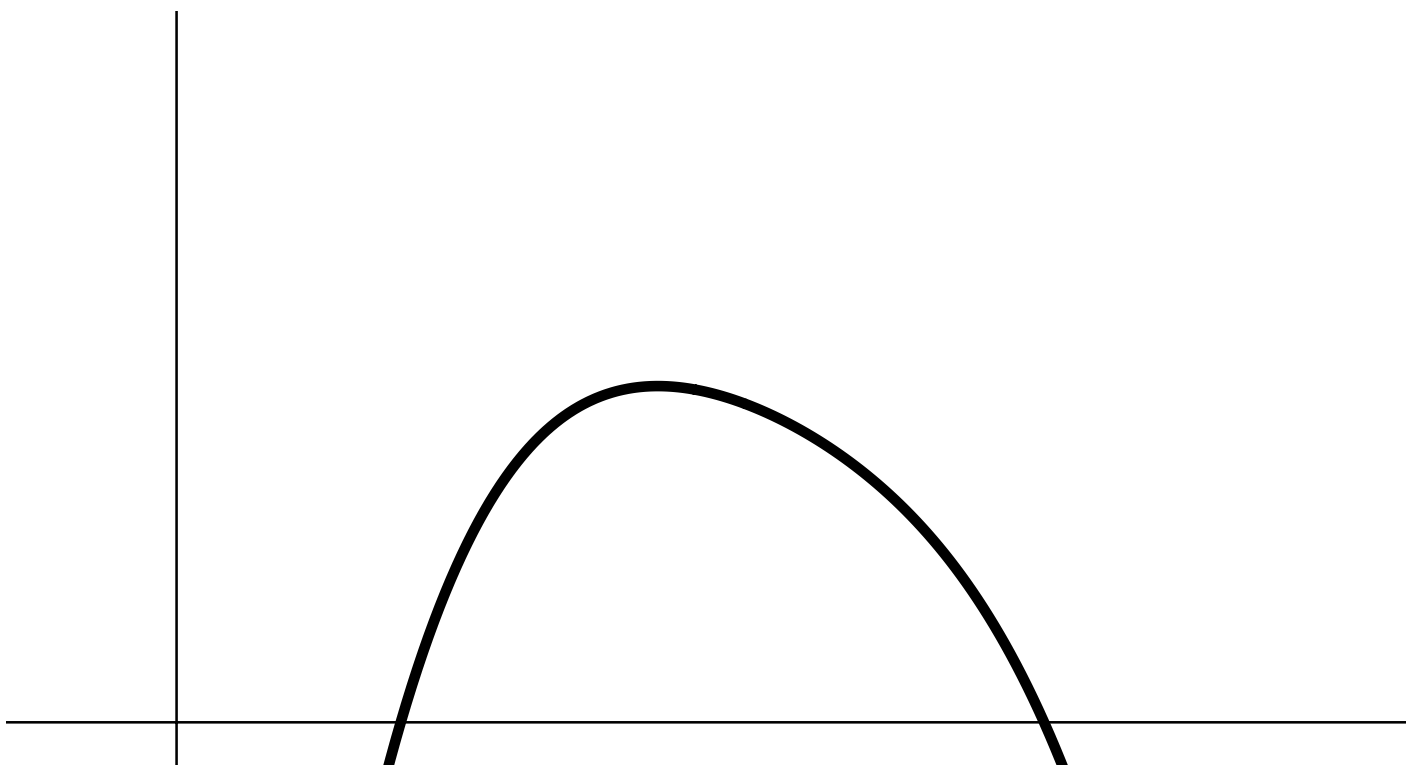
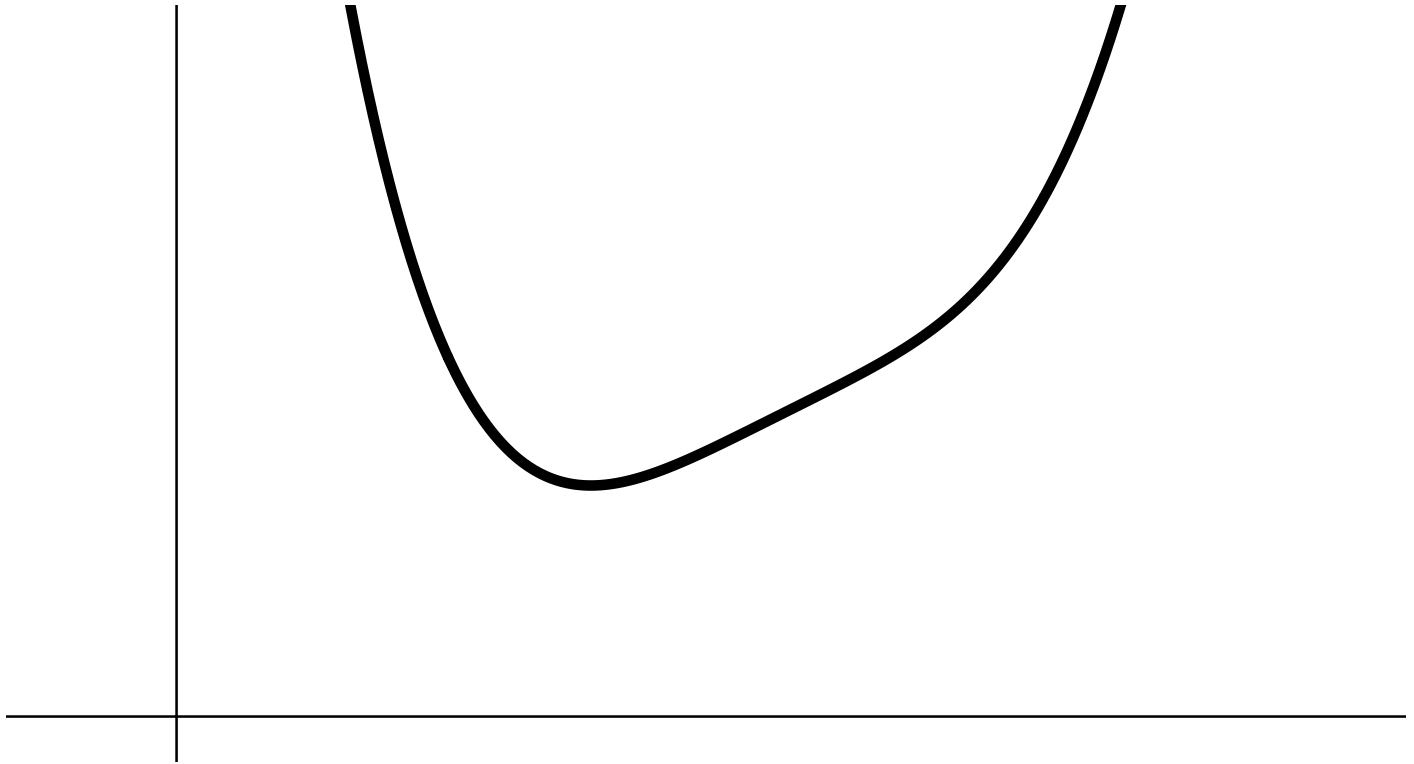


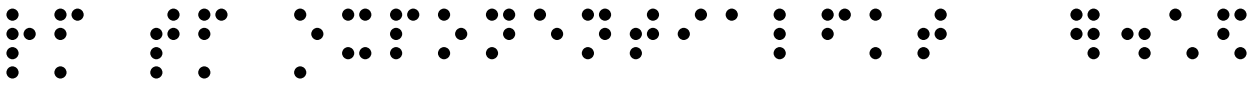


RF typische Polynomfunktionen, 6/16



Grad 4: „Doppel-S-Kurve“ mit „Entartungen“

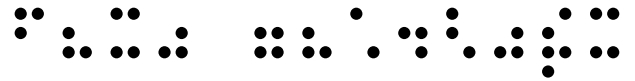
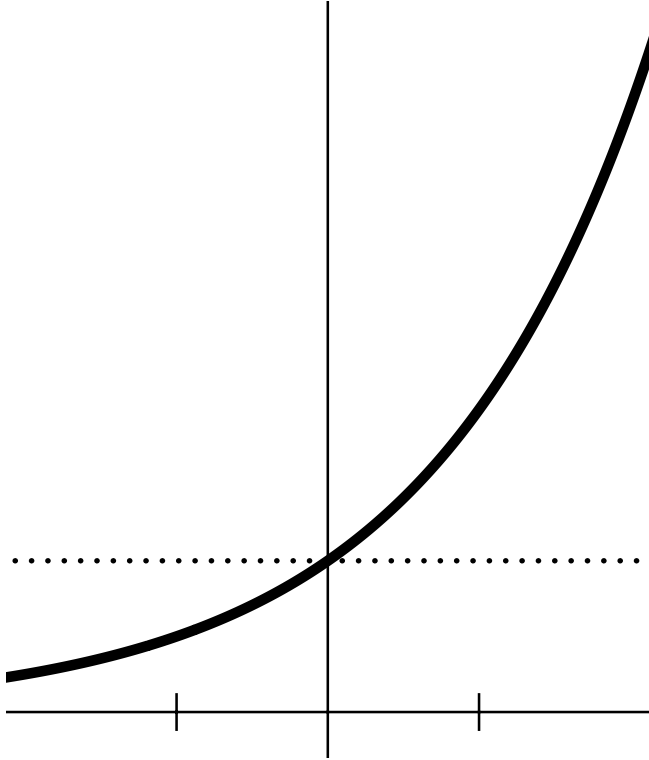




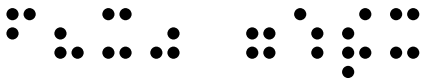
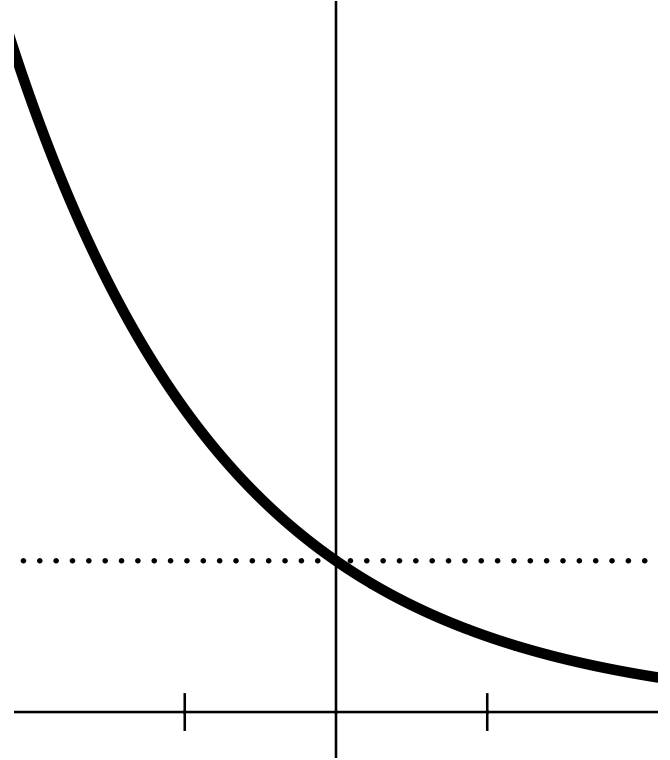
RF typische Exponentialfunktionen, 7/16



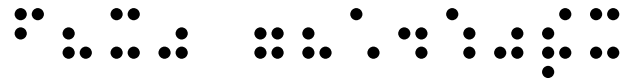
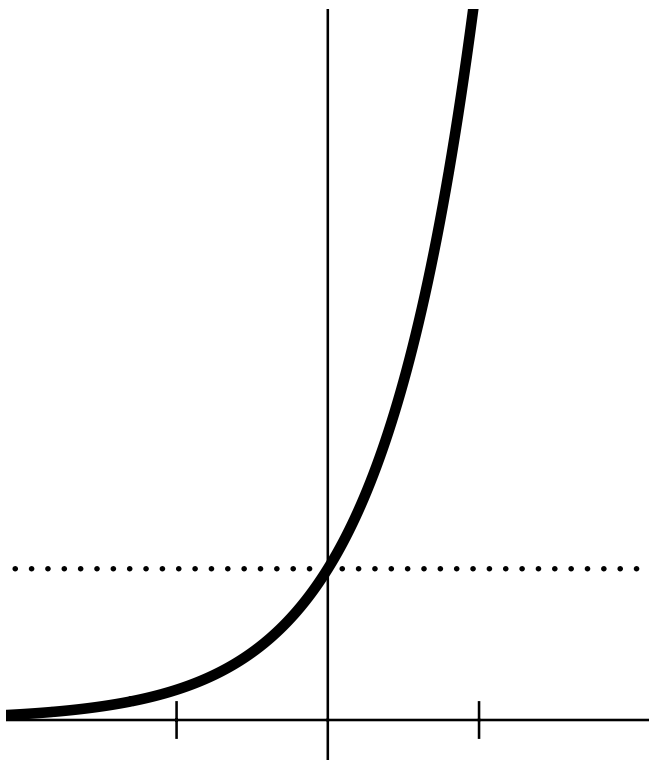
$f(x) = 2^x$



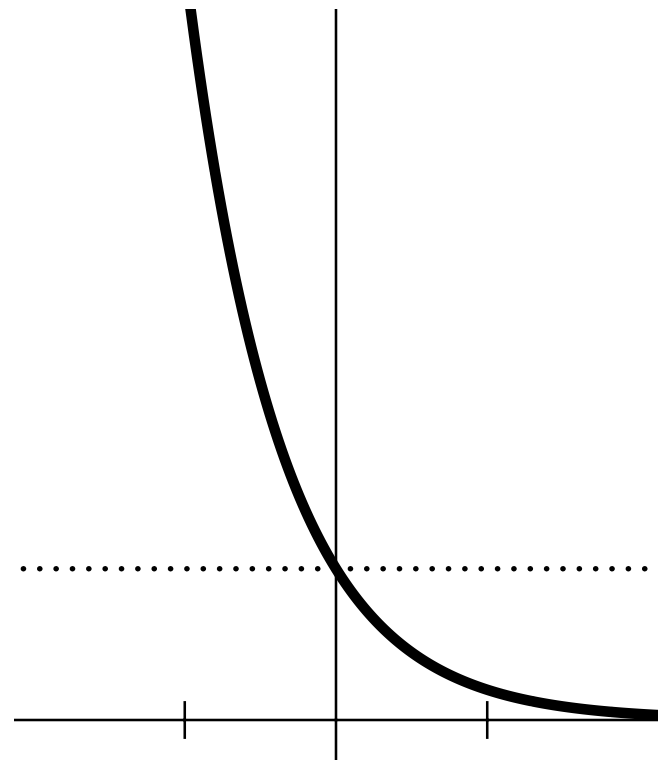
$f(x) = (1/2)^x$

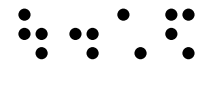
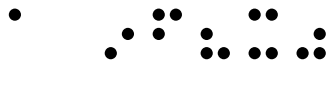
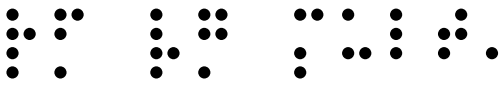


$f(x) = 5^x$



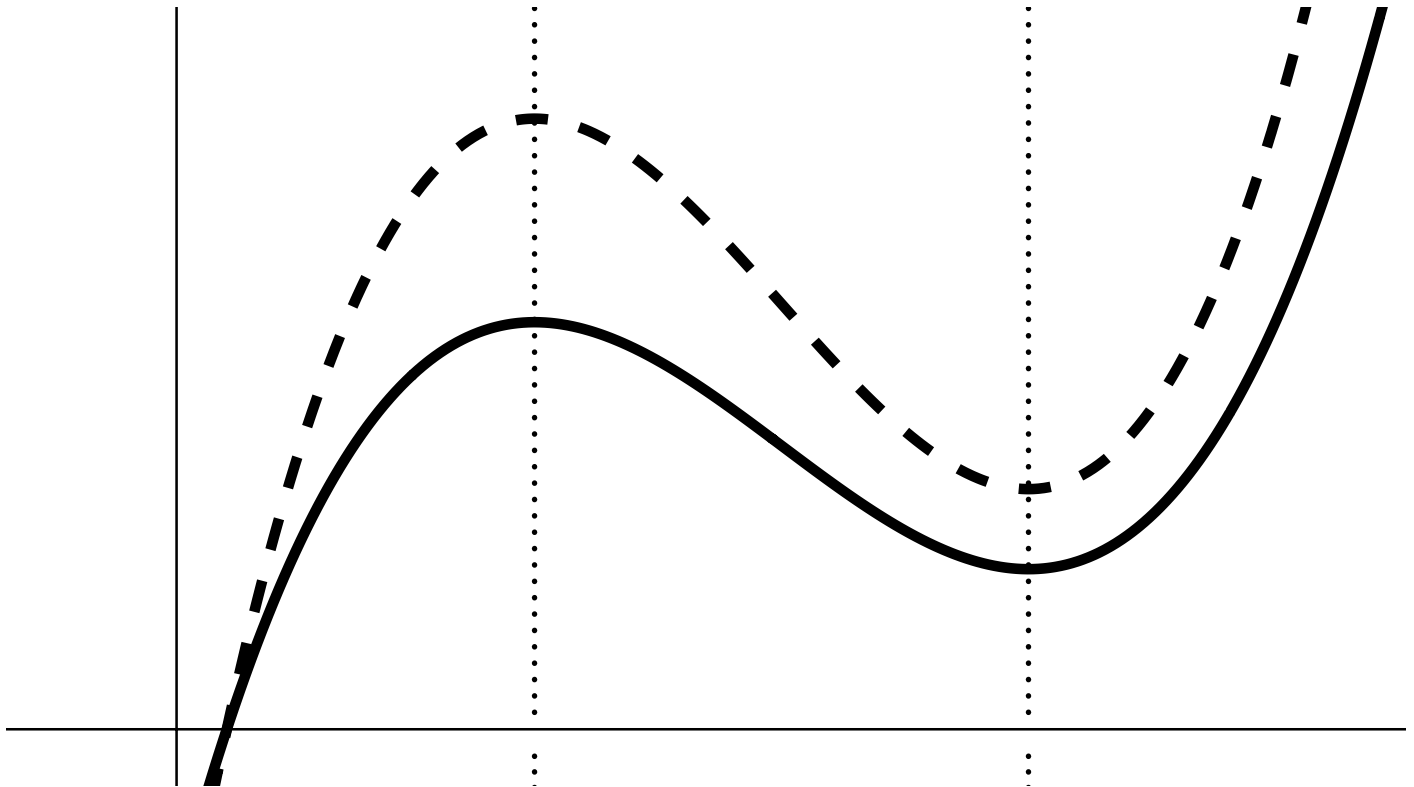
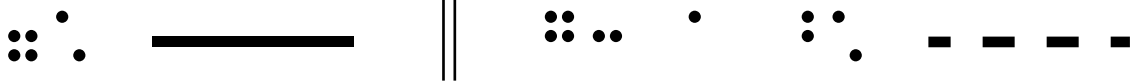
$f(x) = (1/5)^x$



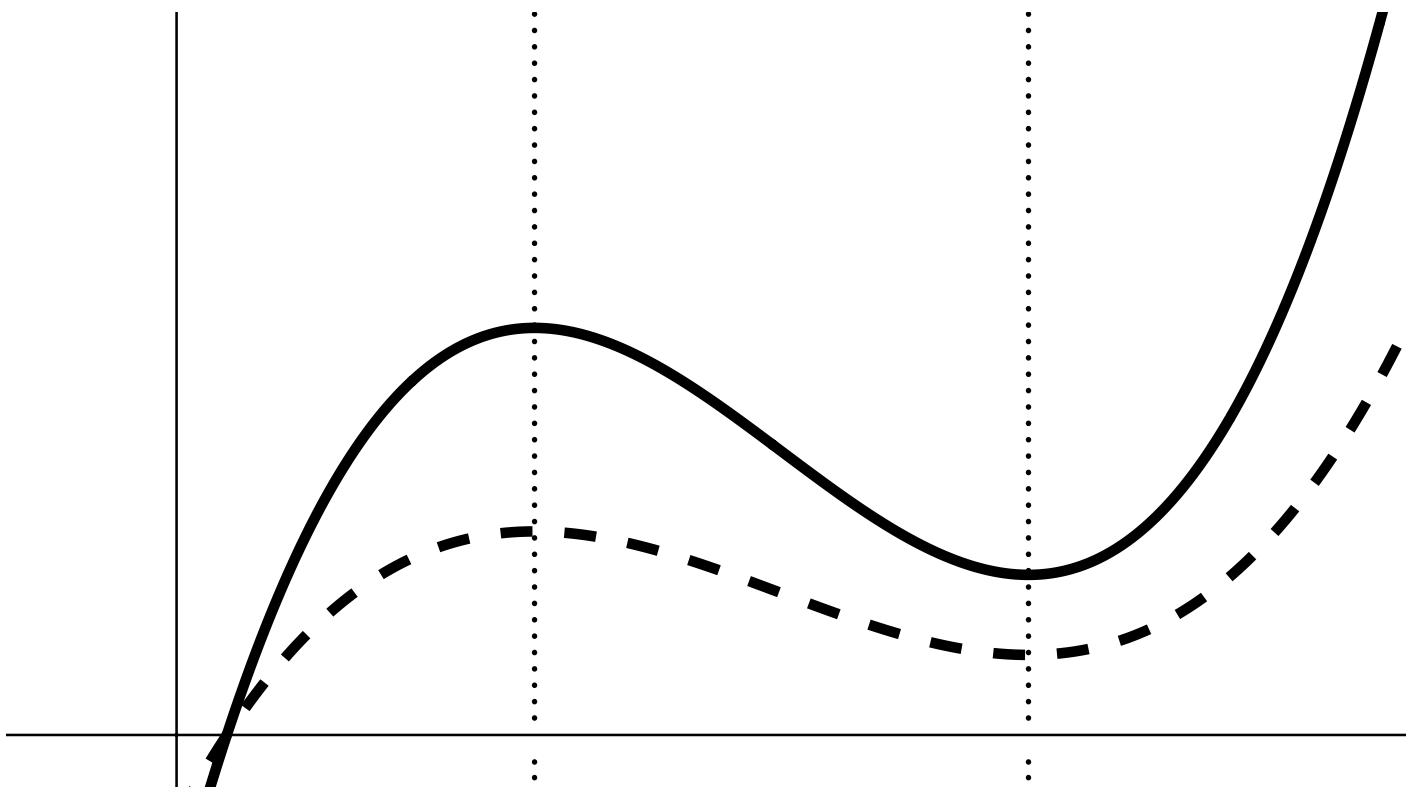
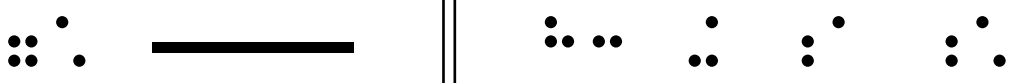


RF Vergleichen von Funktionen, Multiplikation: $a \cdot f(x)$, 8/16

f: a = 1; g: a > 1



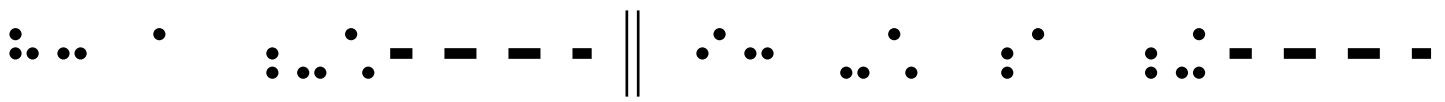
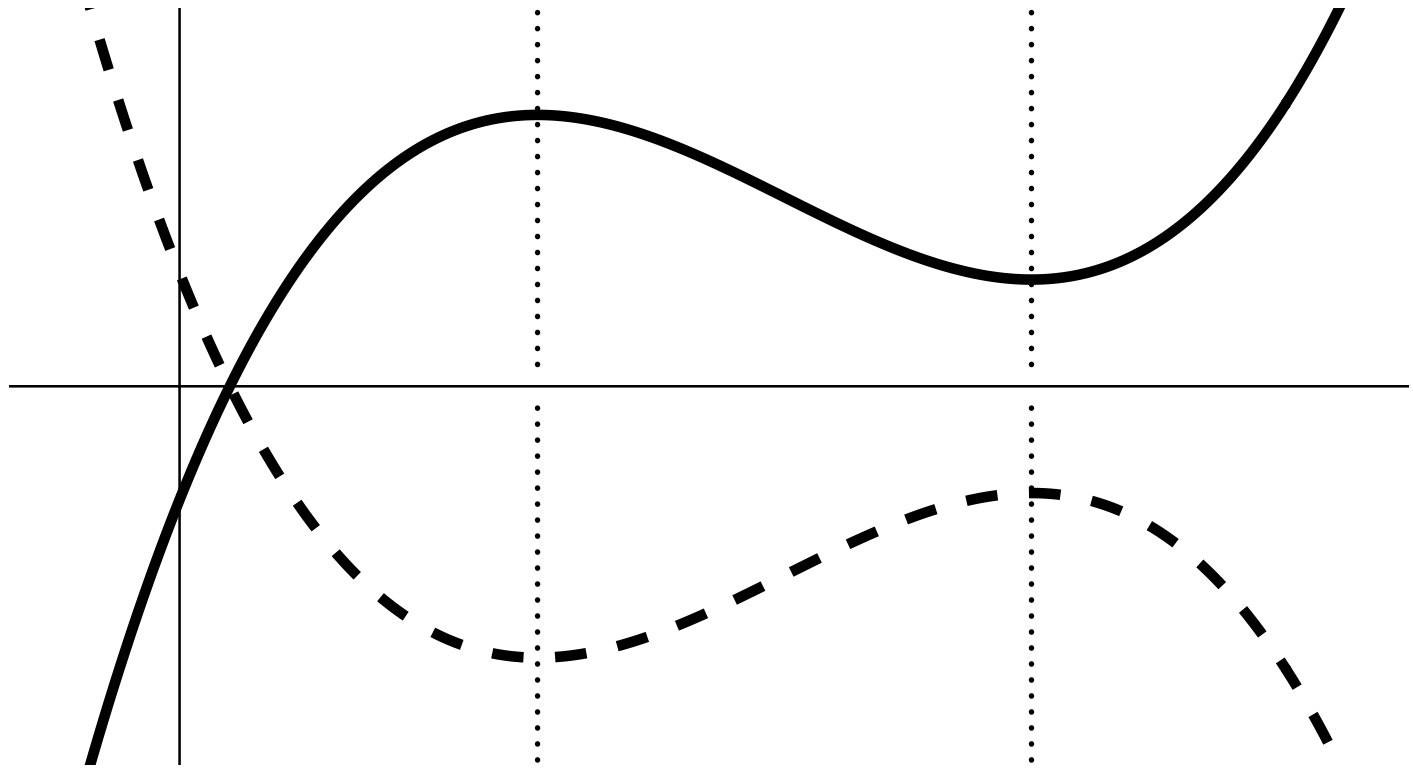
f; a = 1; h: $0 < a < 1$



RF Vergleichen von Funktionen, Multiplikation: $a \cdot f(x)$, 9/16

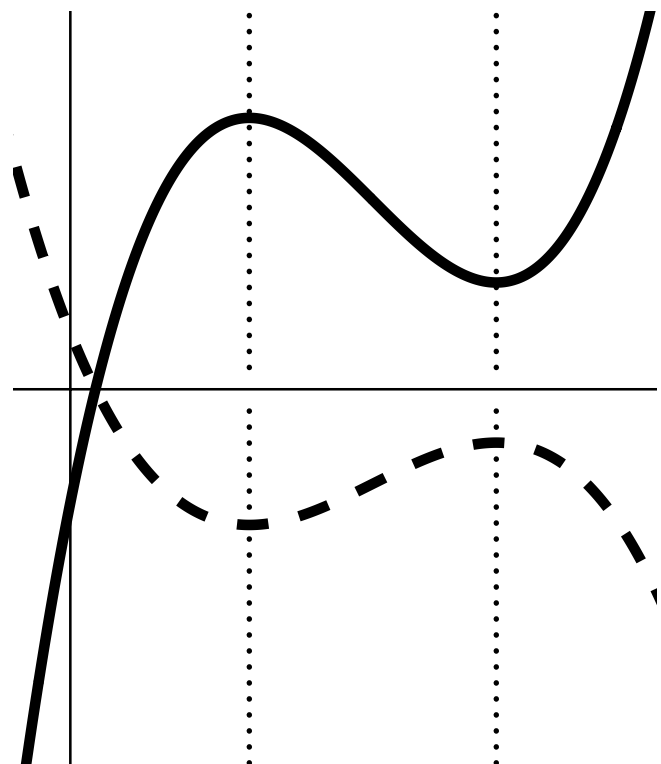
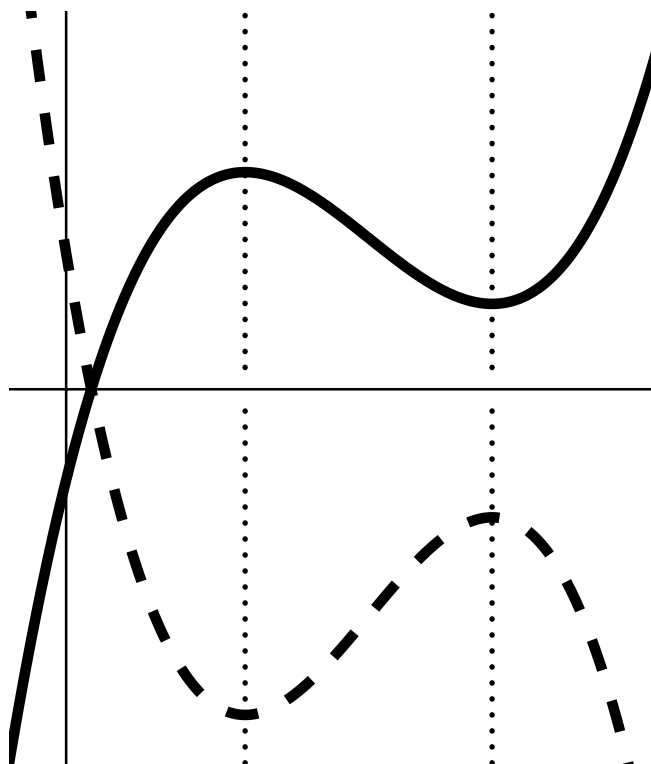


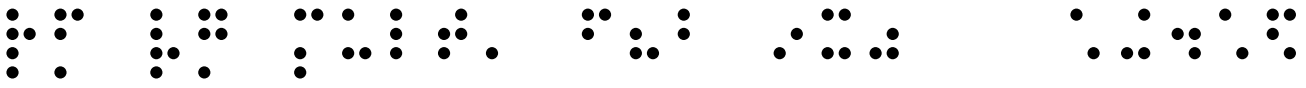
f: $a=1$; g: $a=-1$



f; h: $a < -1$

f; i: $-1 < a < 0$

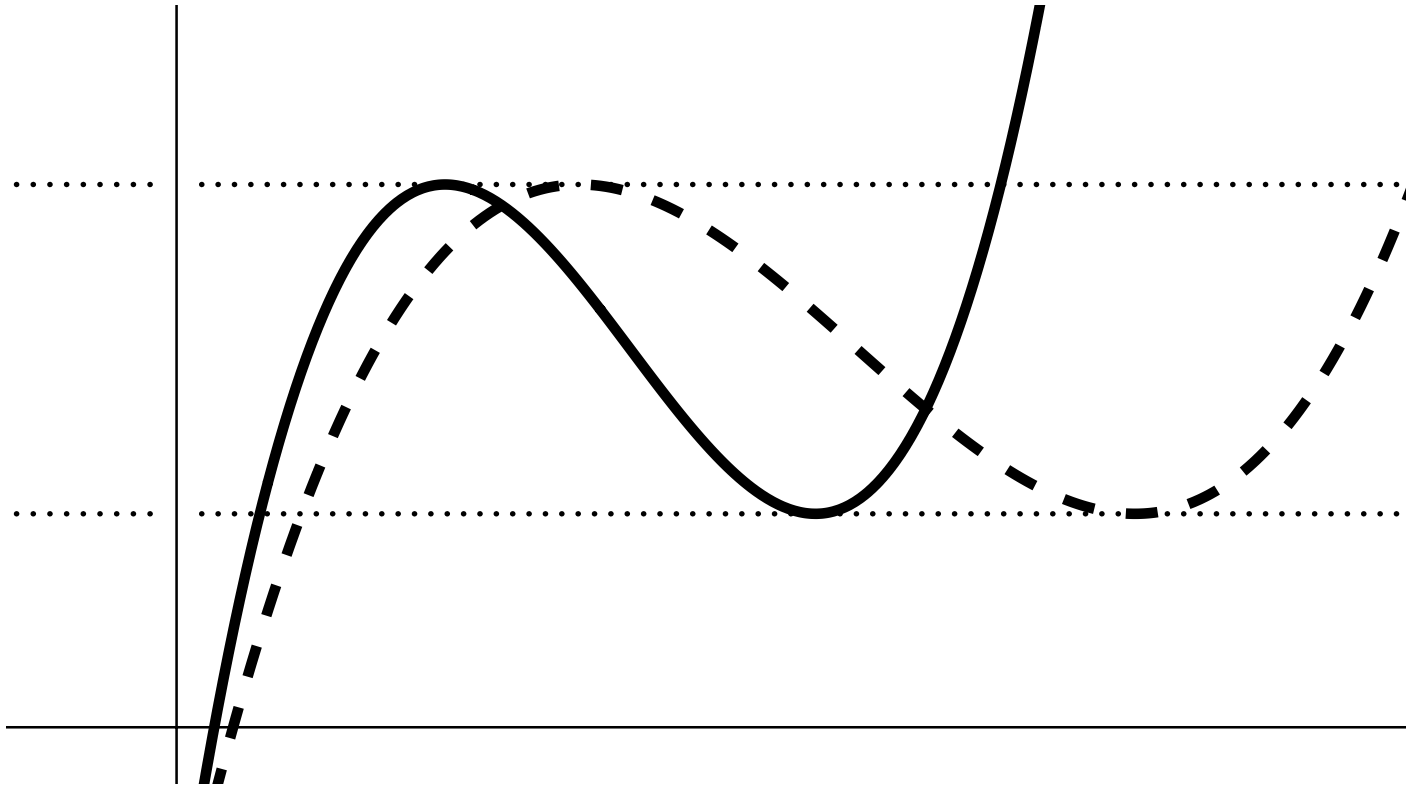




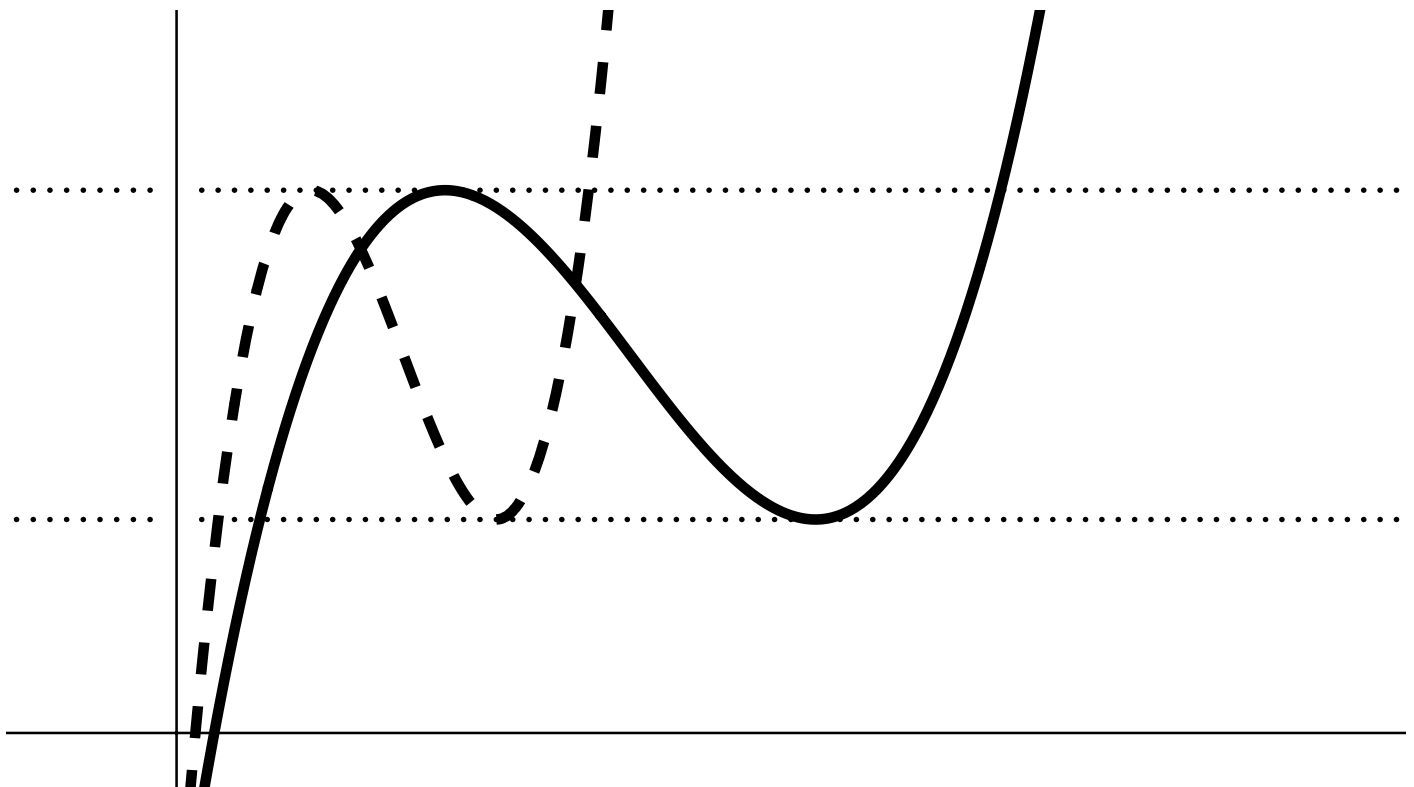
RF Vergleichen von Funktionen, Multiplikation: $f(b \cdot x)$, 10/16

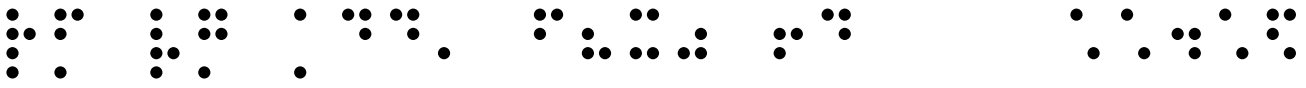


f: $b=1$; g: $b>1$



f; h: $0 < b < 1$

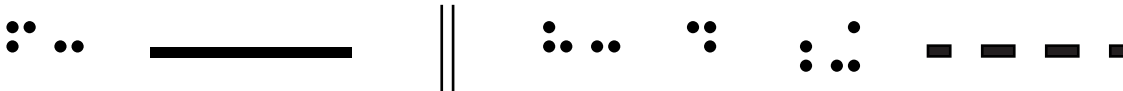
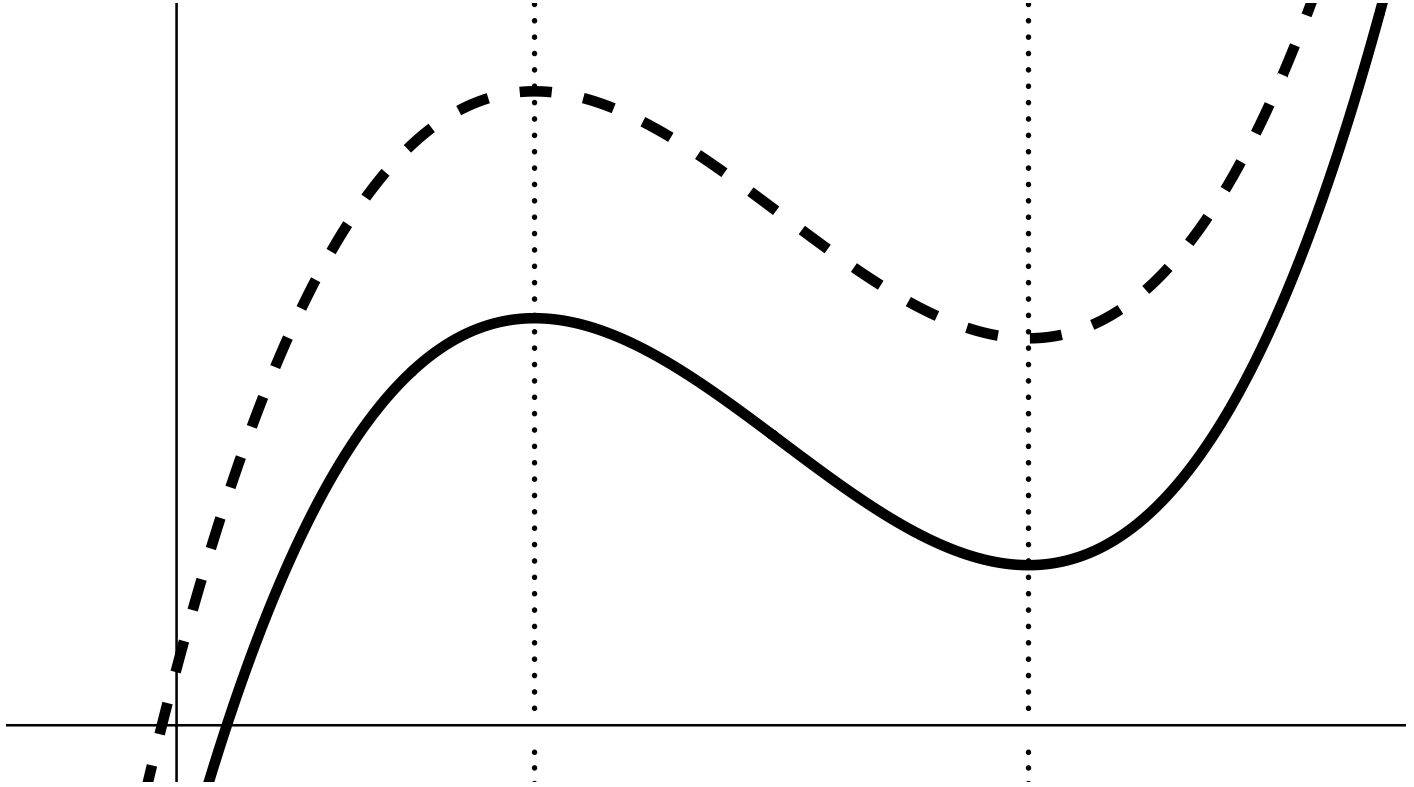




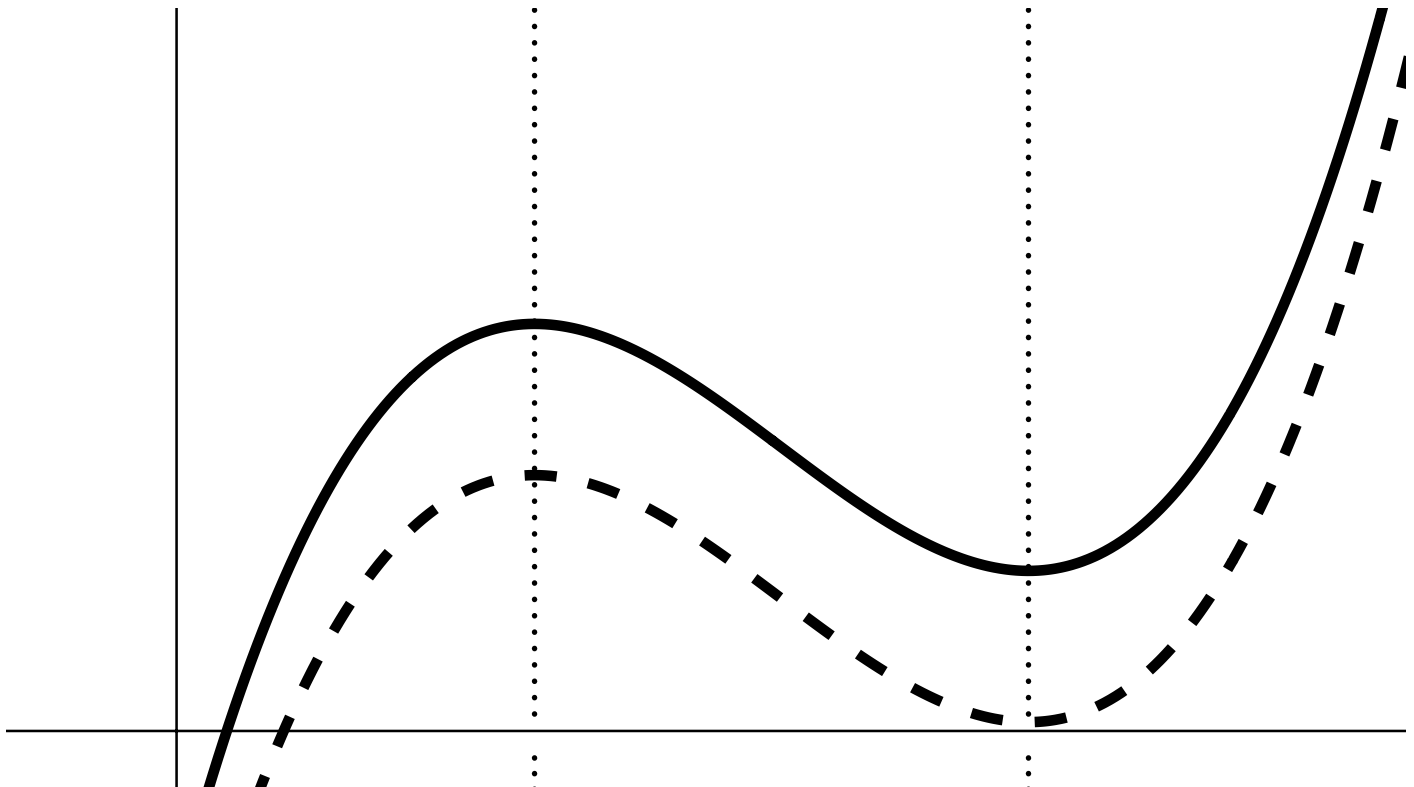
RF Vergleichen von Funktionen, Addition: $f(x) + d$, 11/16

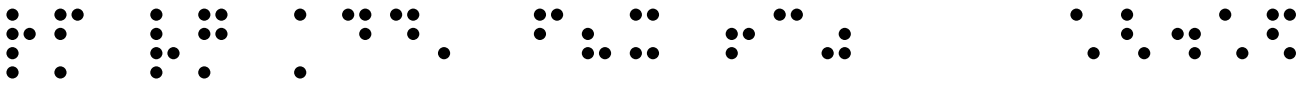


f; g: $d > 0$

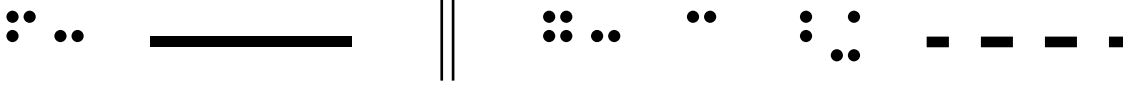


f; h: $d < 0$

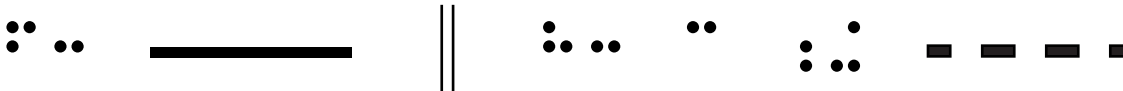
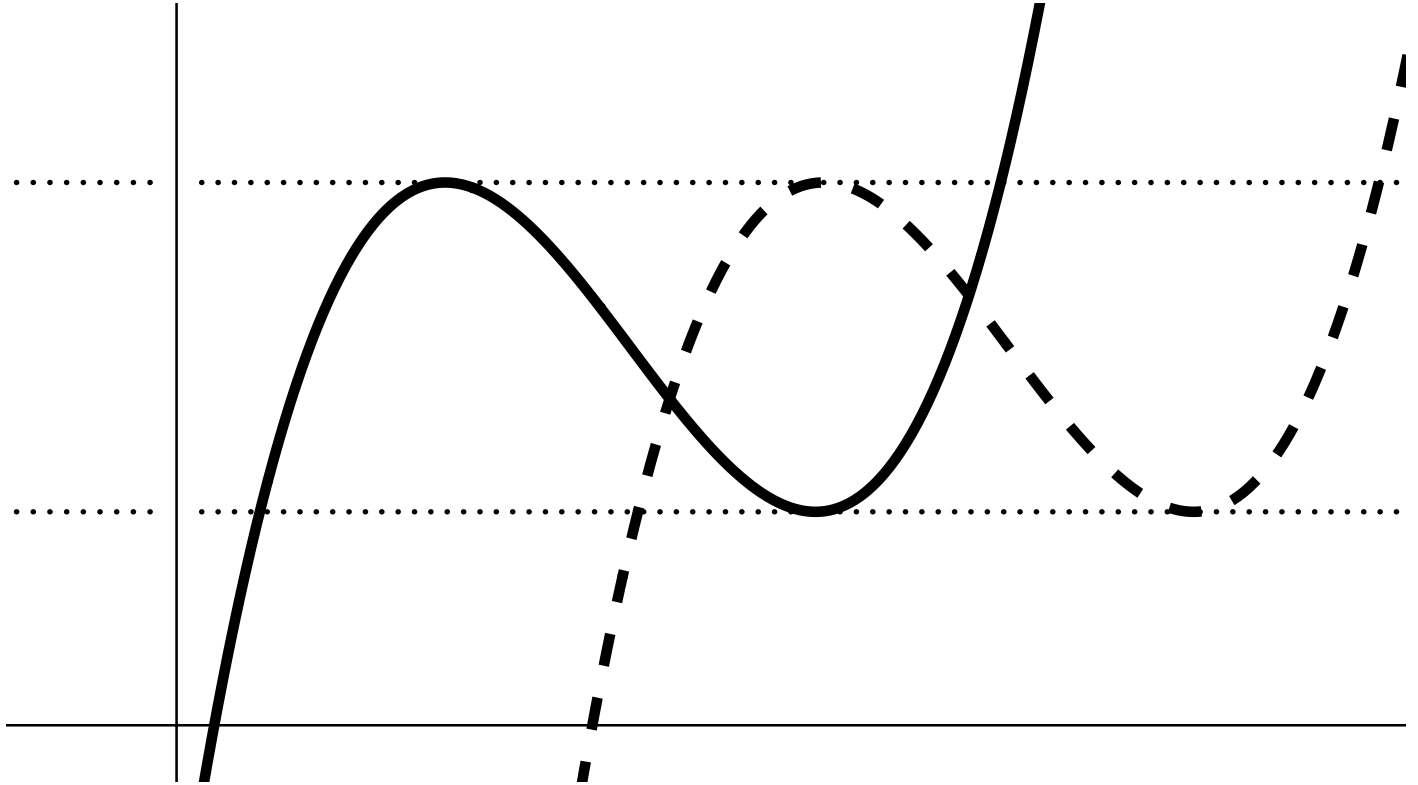




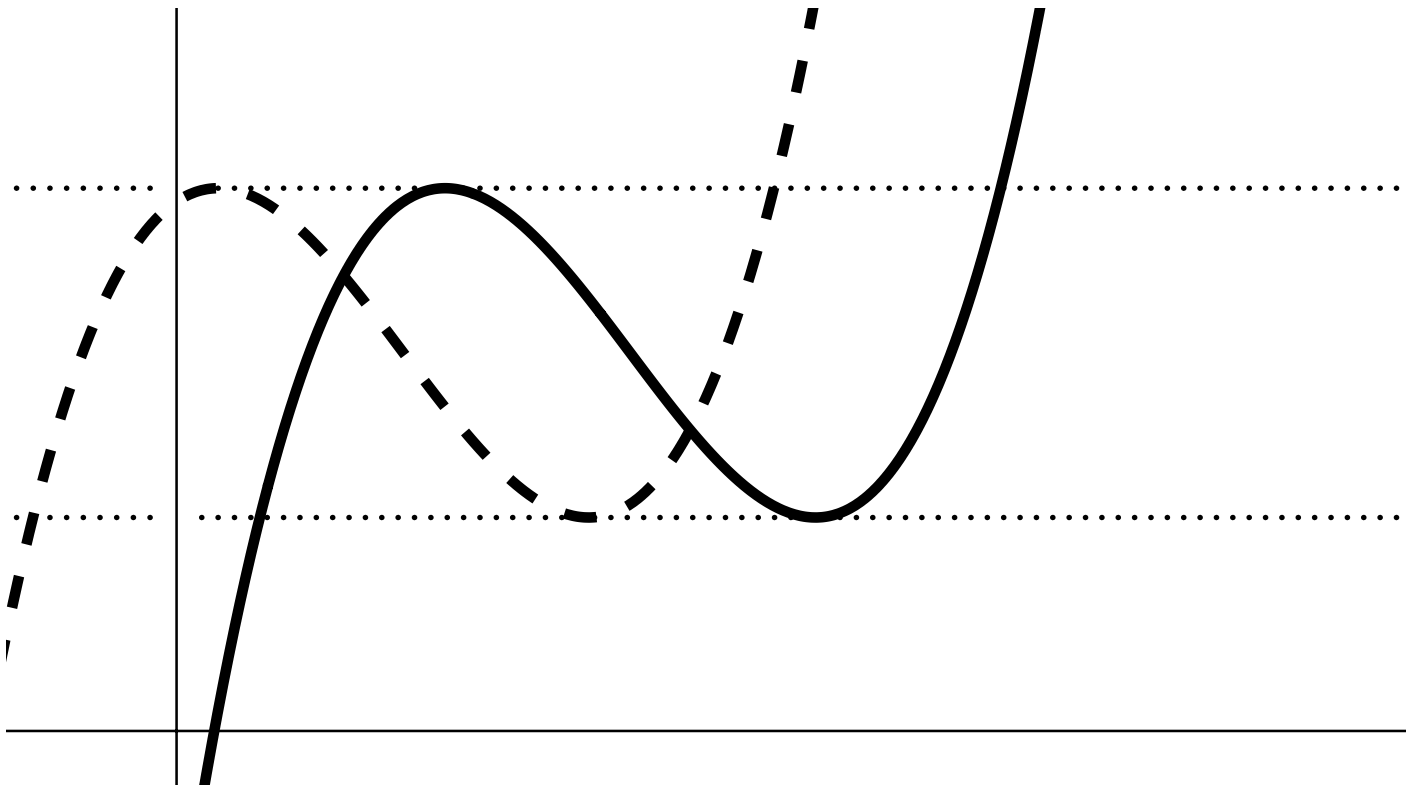
RF Vergleichen von Funktionen, Addition: $f(x+c)$, 12/16



f; g: $c > 0$

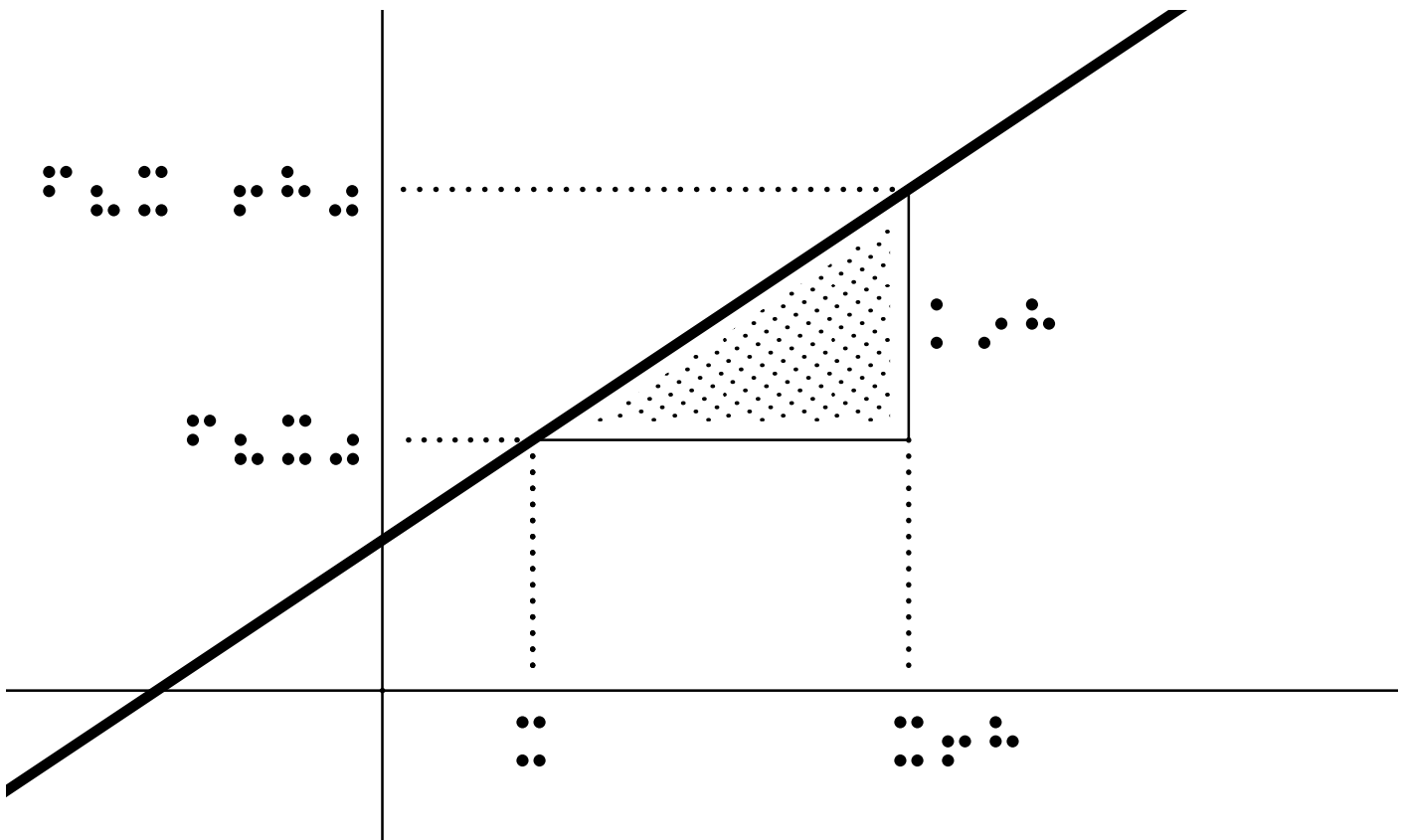
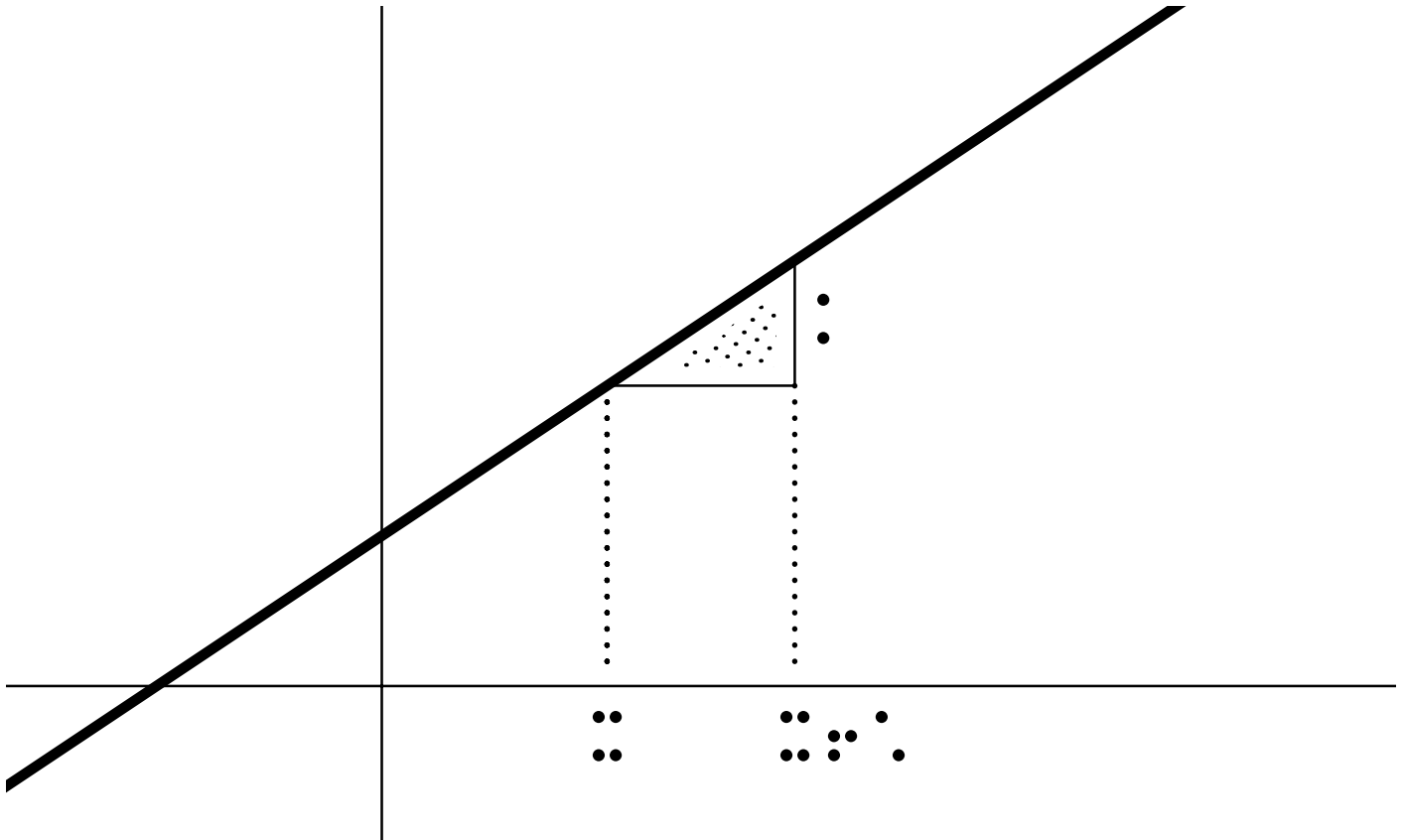


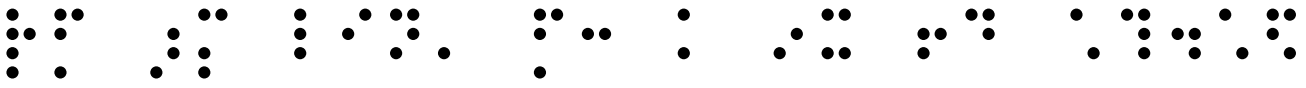
f; h: $c < 0$



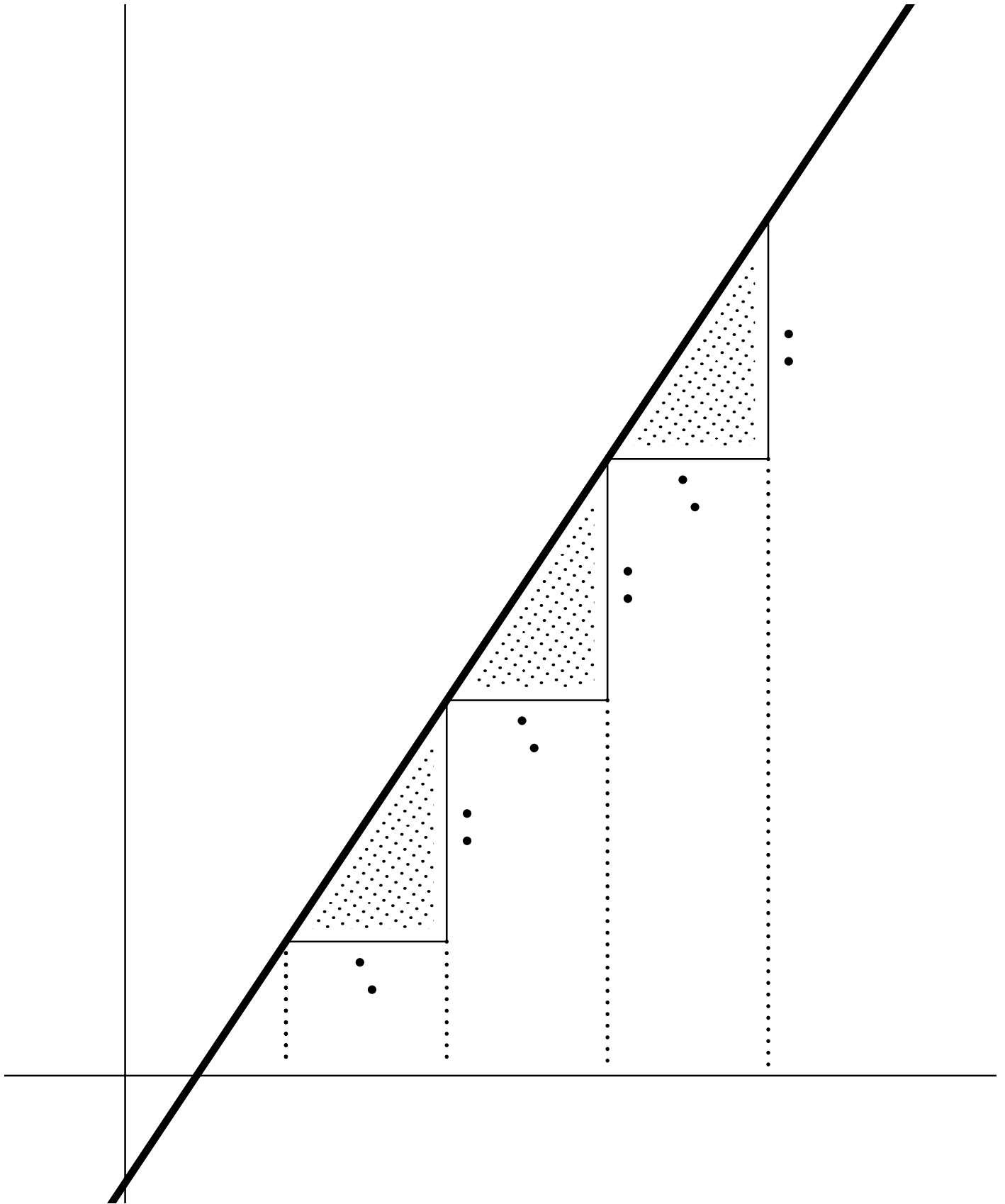


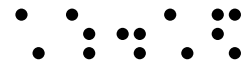
RF Änderungsmaße: lin. Funktion: $k \cdot x + d$, 13/16



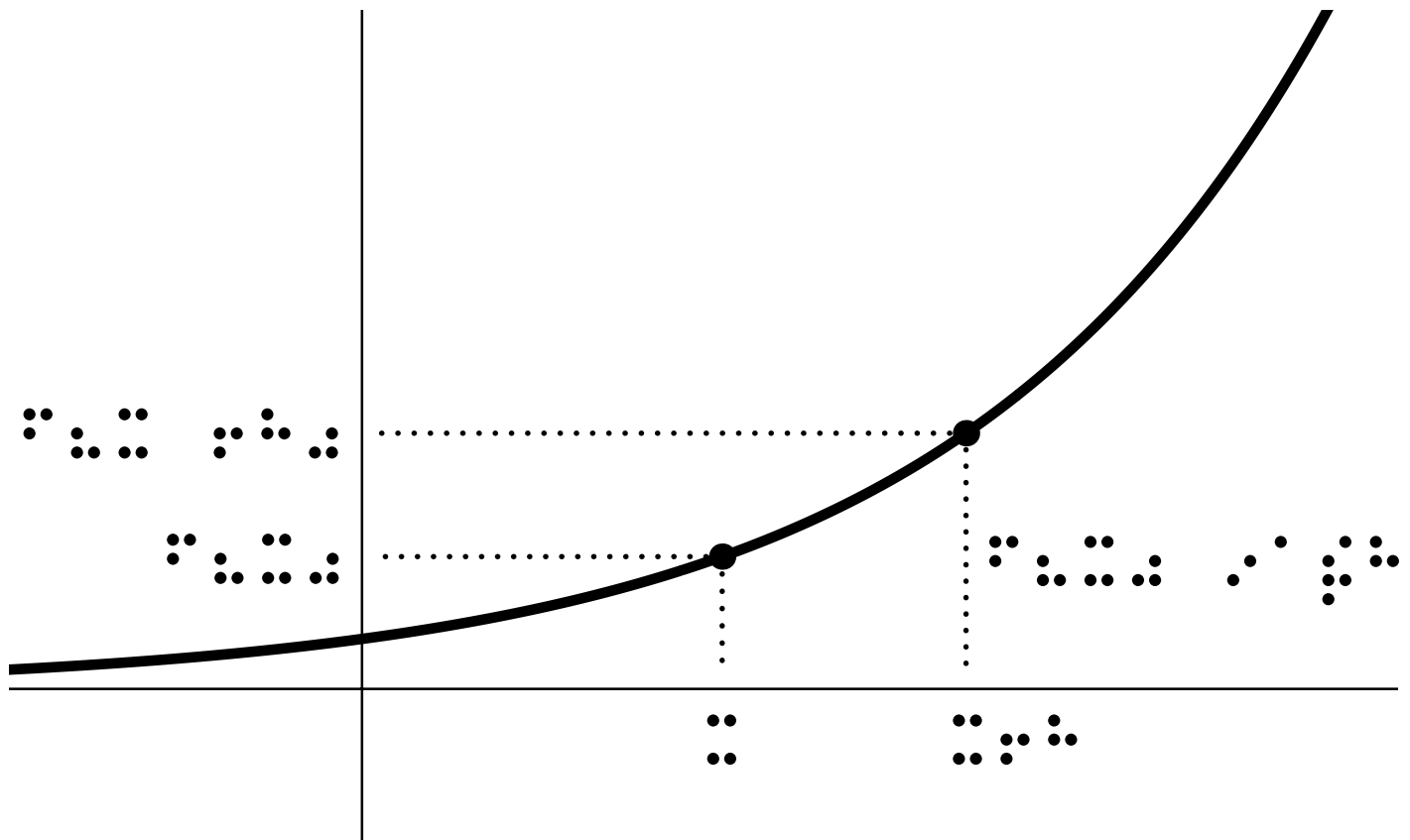
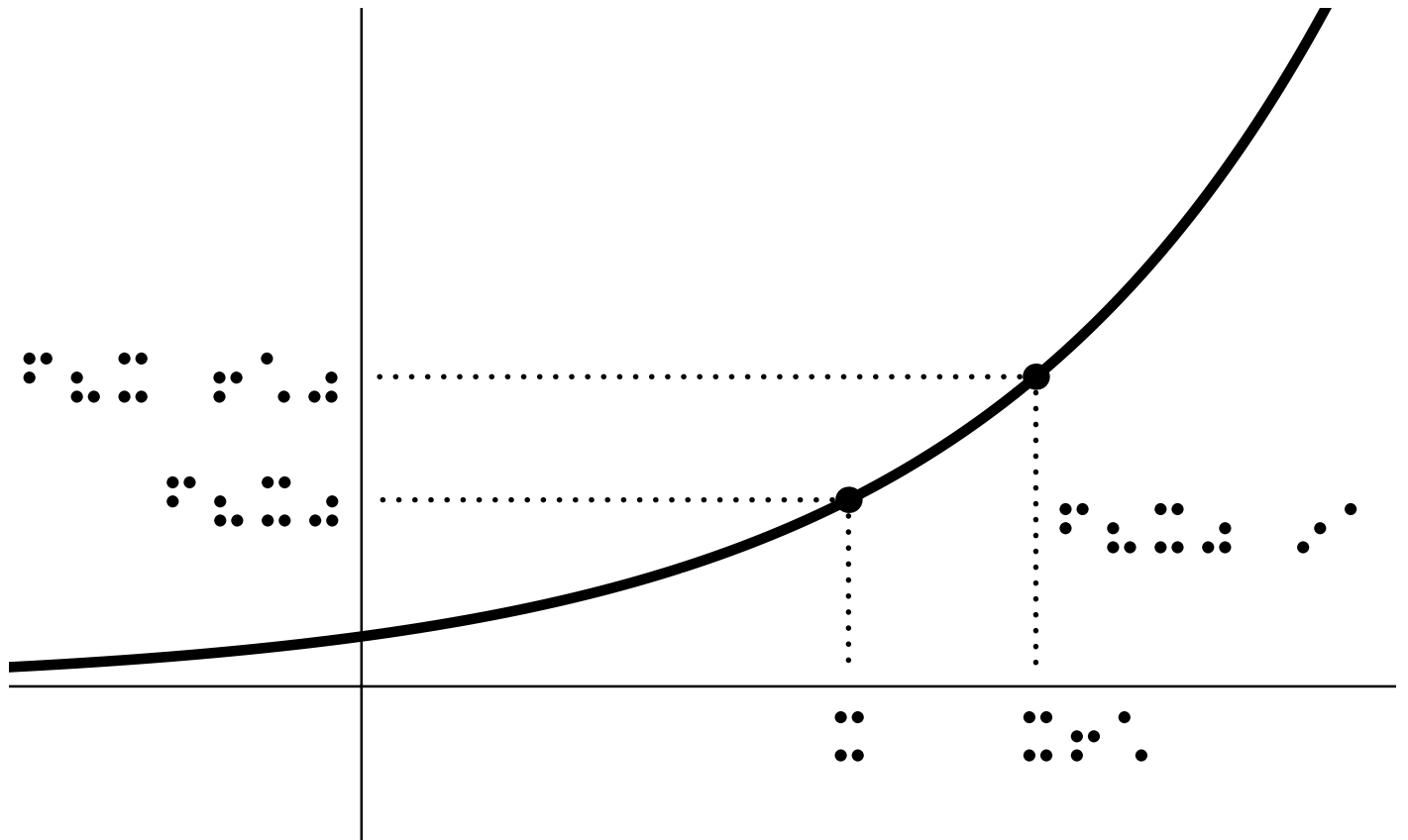


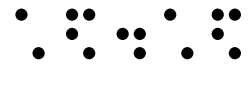
RF Änderungsmaße: lin. Funktion: $k \cdot x + d$, 14/16





RF Änderungsmaße: $c \cdot a^x$, 15/16





RF Änderungsmaße: $c \cdot a^x$, 16/16

